

## Lower Thames Crossing

Map book 2: land use plans

### Lower Thames Crossing map books

The three map books contain plans of the proposed project under the following headings:

- Map book 1 General Arrangements (layout plans)
- Map book 2 land use
- Map book 3 engineering

These plans show our current proposals and are published for the purposes of consultation on the project. The proposals are therefore subject to change due to consultation feedback and further design development.

The plans run from the A2 in the south to the M25 in the north. Identically numbered sheets in the different map books show the same area, for example sheet 3 shows the A2/LTC junction in map books 1, 2 and 3.

# Map book 1 - General Arrangements

The General Arrangements show the proposed details of the project including:

- Engineering & construction
- Environment
- Utilities
- Development boundary

### Map book 2 - land use plans

The land use plans show the areas we may need to purchase or require temporary rights to use, in order to construct and operate the project.

Areas we may need to purchase include the land required for the permanent works, temporary works and compensation land.

#### Permanent works

Permanent use of land will be required along the route of the road, for re-connecting local roads and for associated structures like drainage ponds, tunnel control buildings and the rest and service area.

#### Temporary works

Temporary use of land is needed for the project's construction works and to provide sufficient space to do so safely. The plans show land that may be required temporarily for the main construction compounds at the tunnel entrances north and south of the River Thames and at various locations along the route. We will also require rights over land to divert utilities such as gas pipelines, electricity cables and water pipes. Any land that is only required temporarily will be returned to its previous use wherever possible once construction has been completed.

#### Compensation land

Compensation land may include environmental protection measures such as habitat creation and for flood compensation. This land may also need to be acquired permanently.

# Map book 3 - engineering plans

This book contains engineering drawings in the following order:

- The plan and profile drawings which detail the vertical and horizontal road alignment
- The junction arrangements showing the proposed layout
- The cross sections throughout the route showing the lanes and earthworks

The plan and profile drawings show the highway details of the route in plan and profile. The drawings are split into two views with the plan on the top and profile underneath.

The profile gives the road level in relation to existing ground at a given chainage\*. An exaggerated scale is used in the profile to help show the differences in levels and gradients of the design. The profile also shows where existing roads and public rights of way cross over or under the route.

All levels are given in relation to the ordnance datum level\*\* which might be different on each drawing.

\*Chainage measures the distance along the route in metres

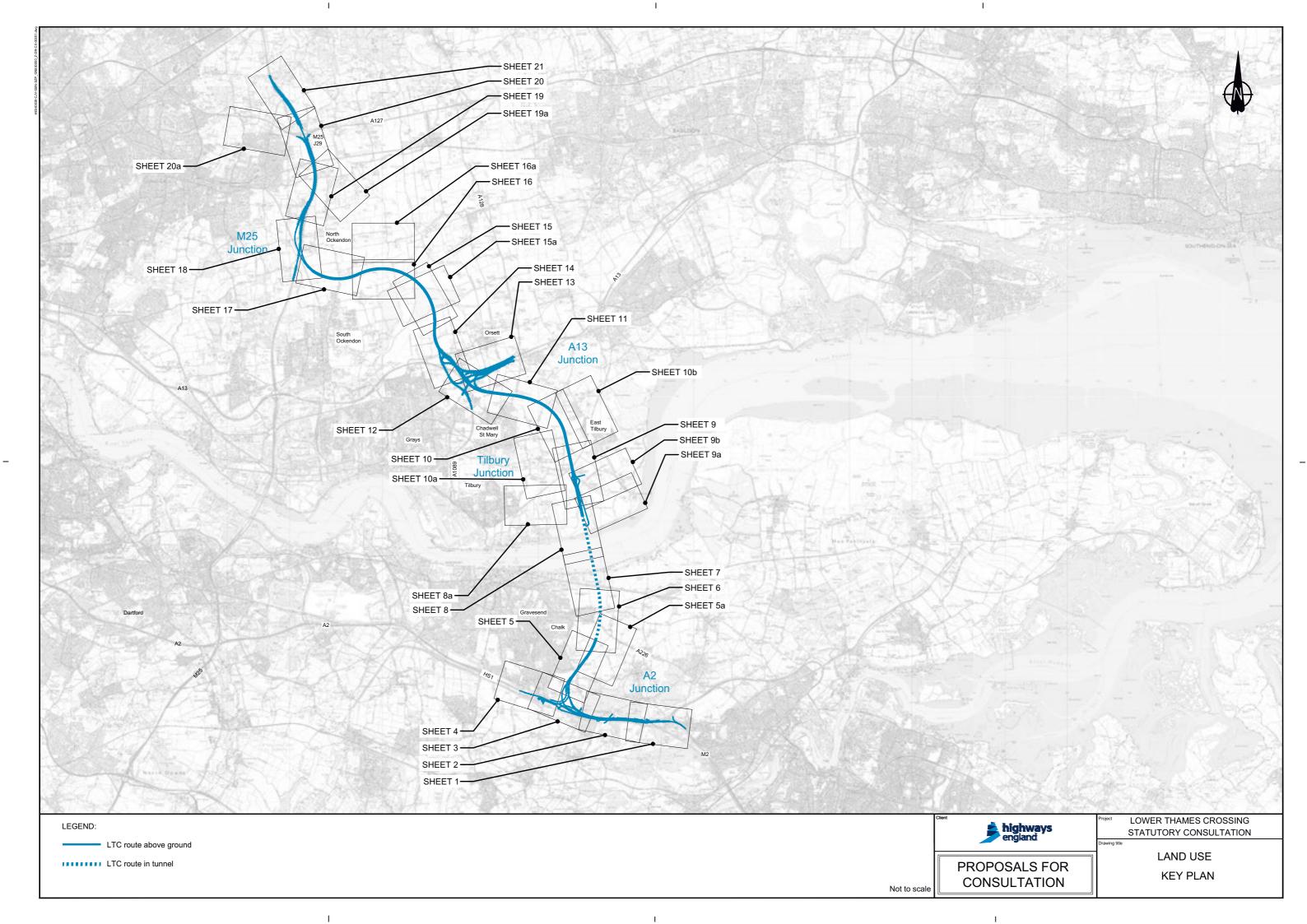
\*\*Above Ordnance Datum level (AOD) is a measurement above mean sea level

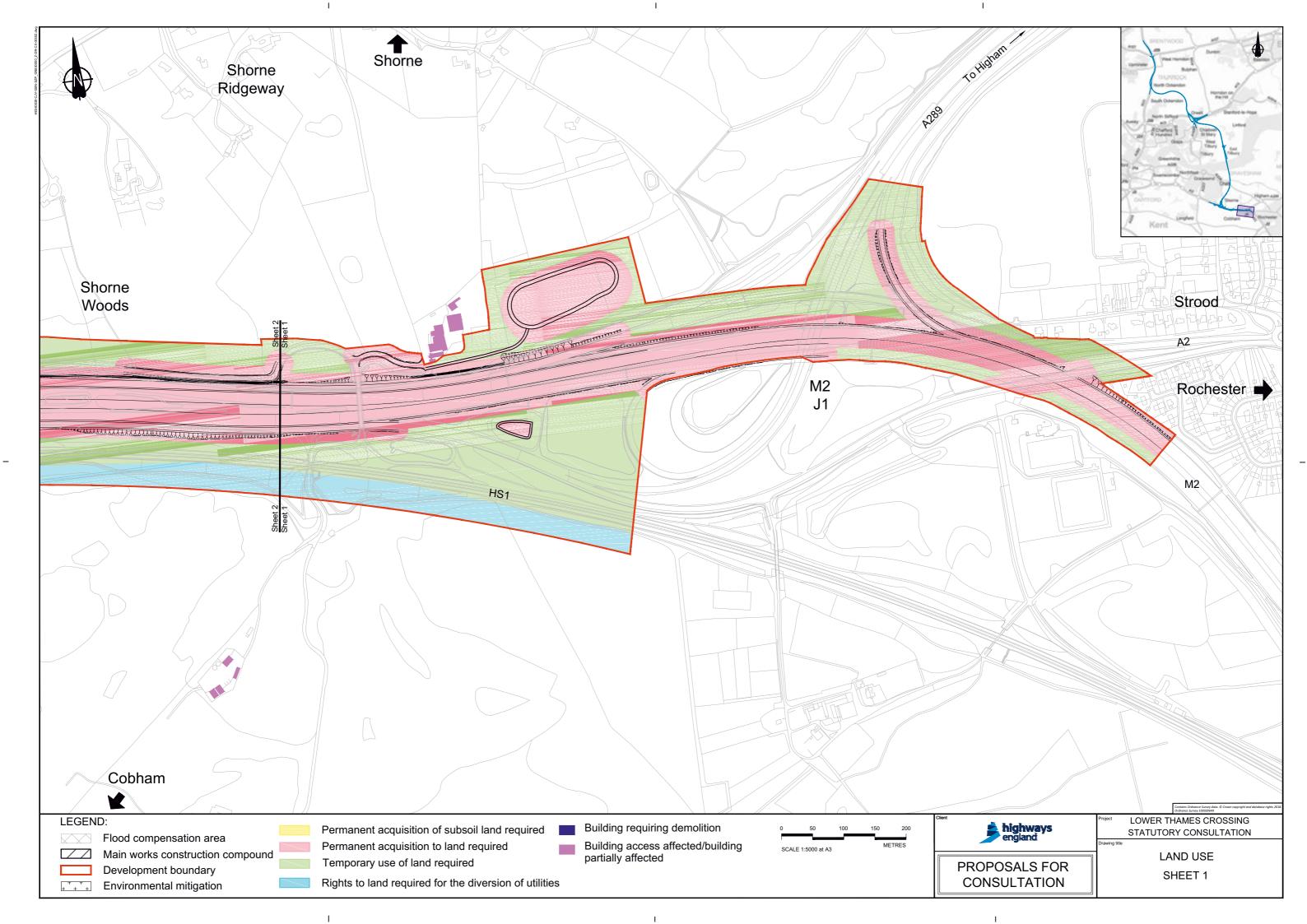
### Large maps

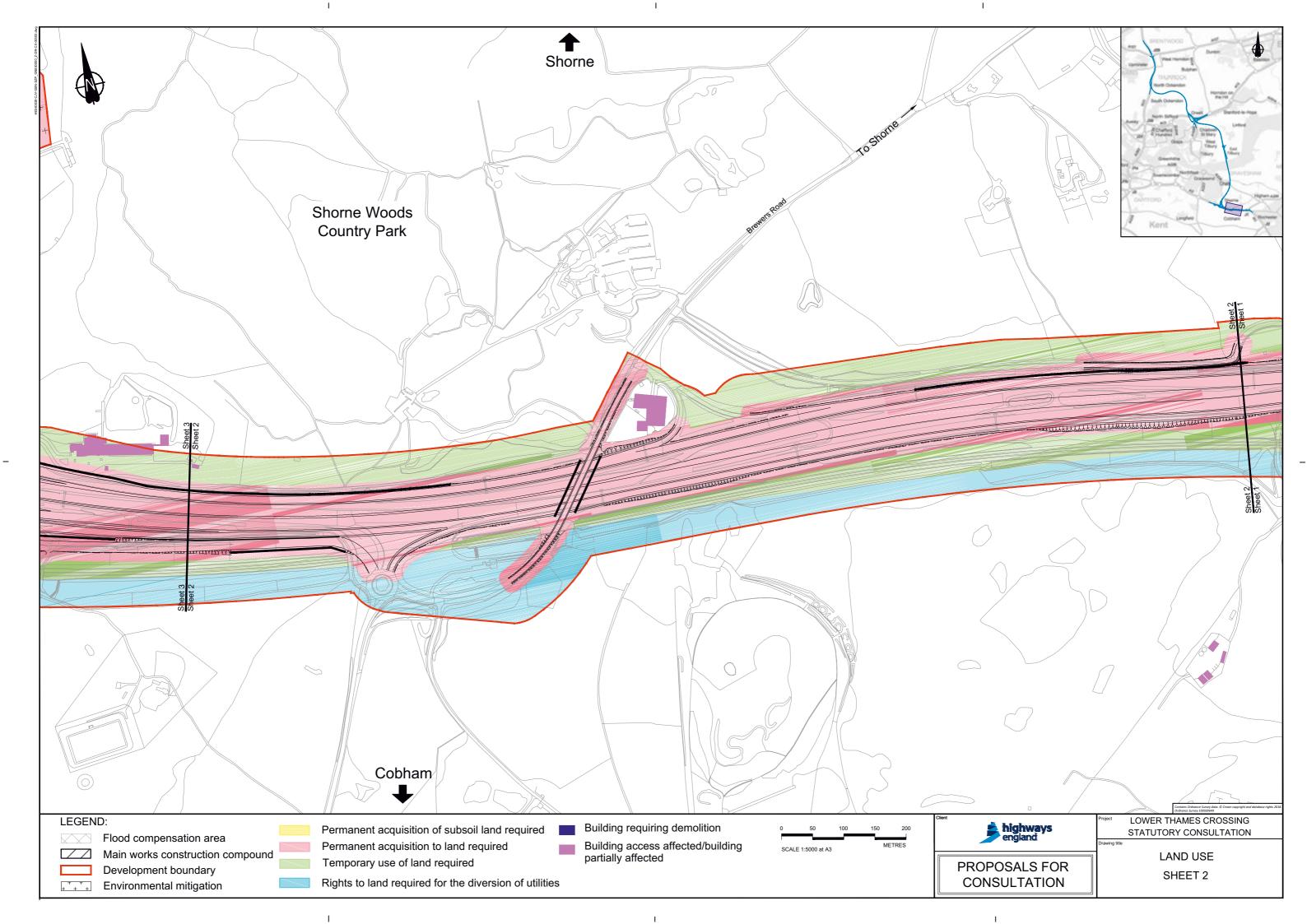
Large maps that cover a greater area have also been produced which detail the same information.

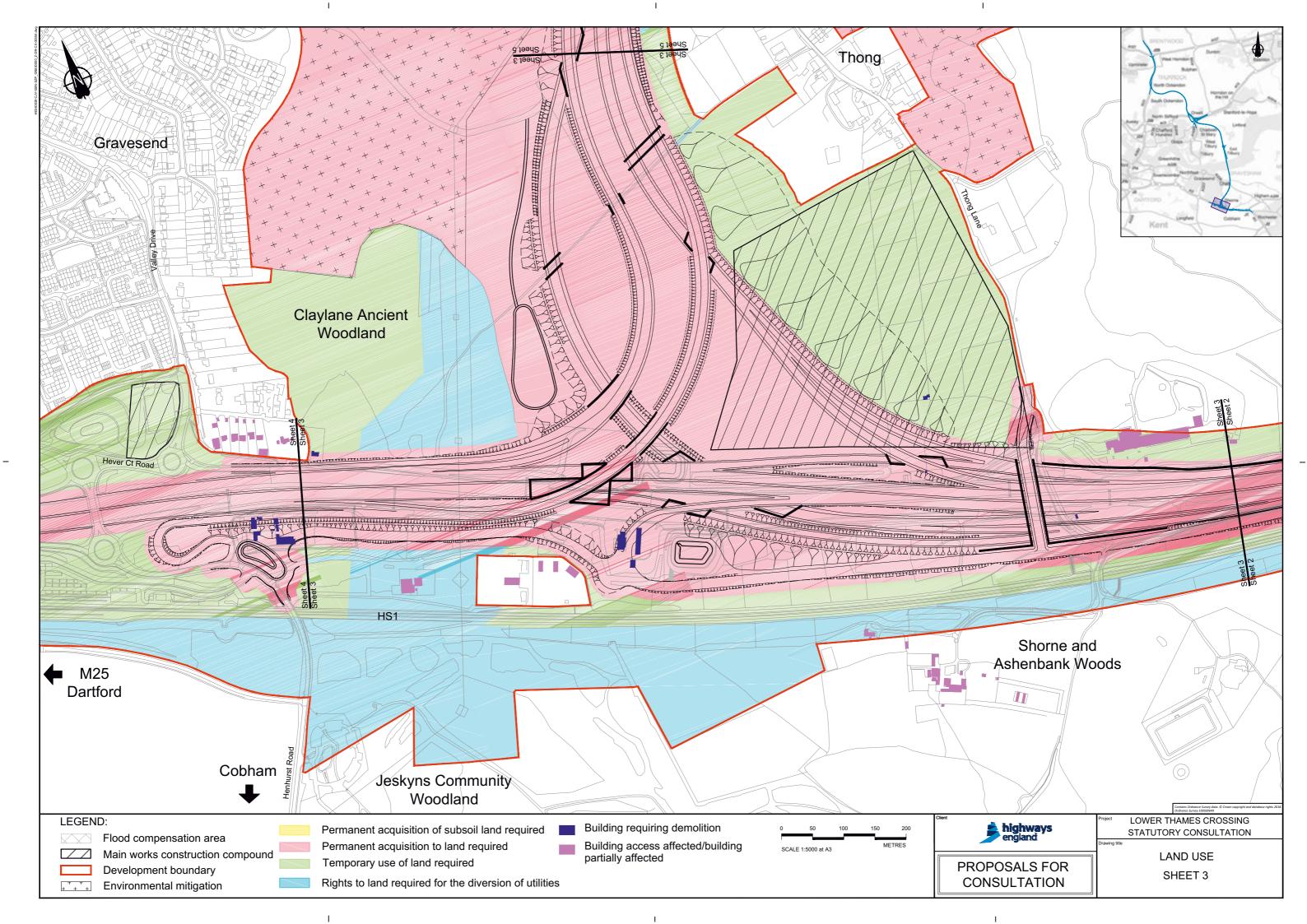
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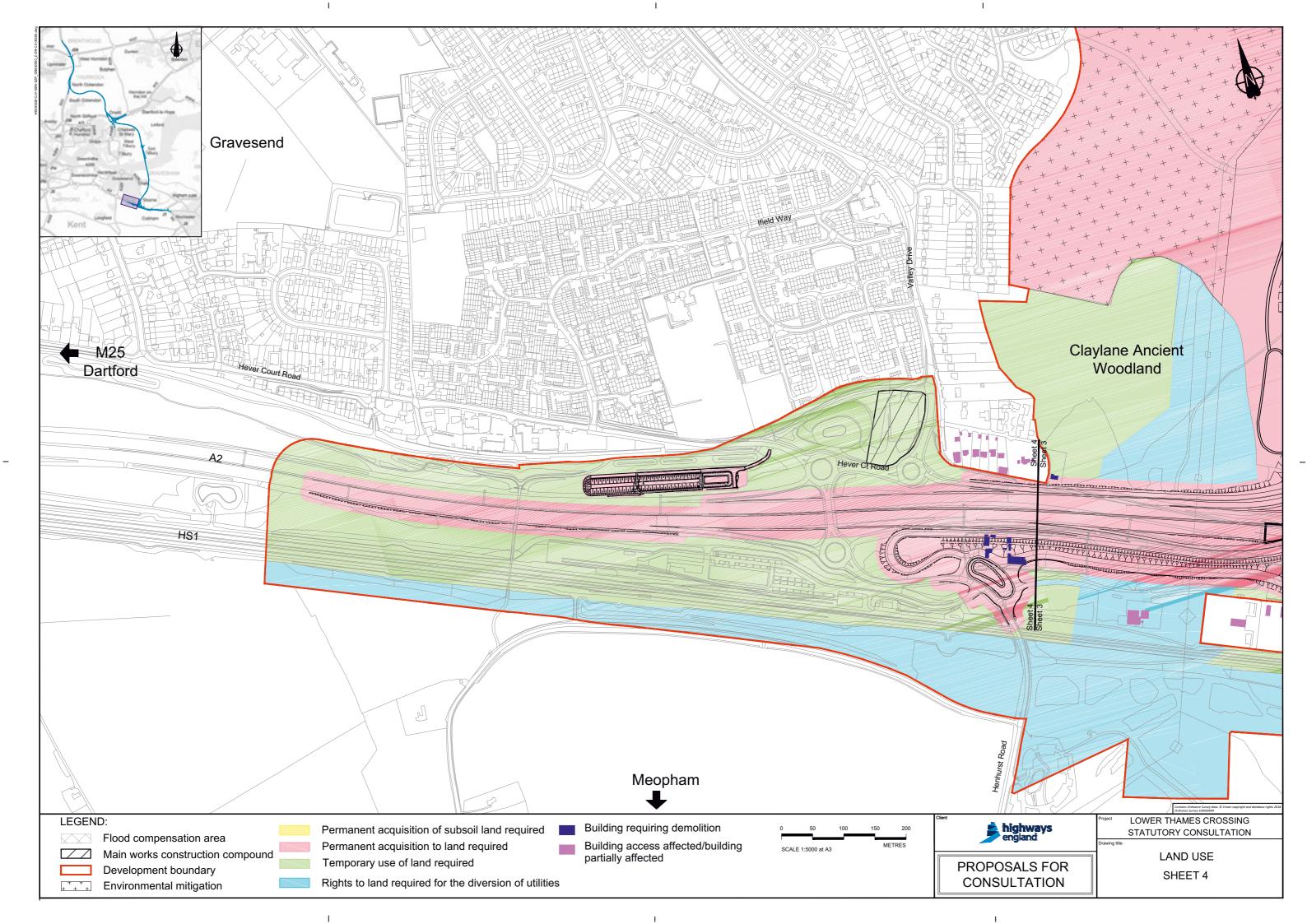
- Environmental constraints 1 sheet
- Land use 1 sheet
- Project profile 1 sheet
- General Arrangements 5 sheets (larger coverage)

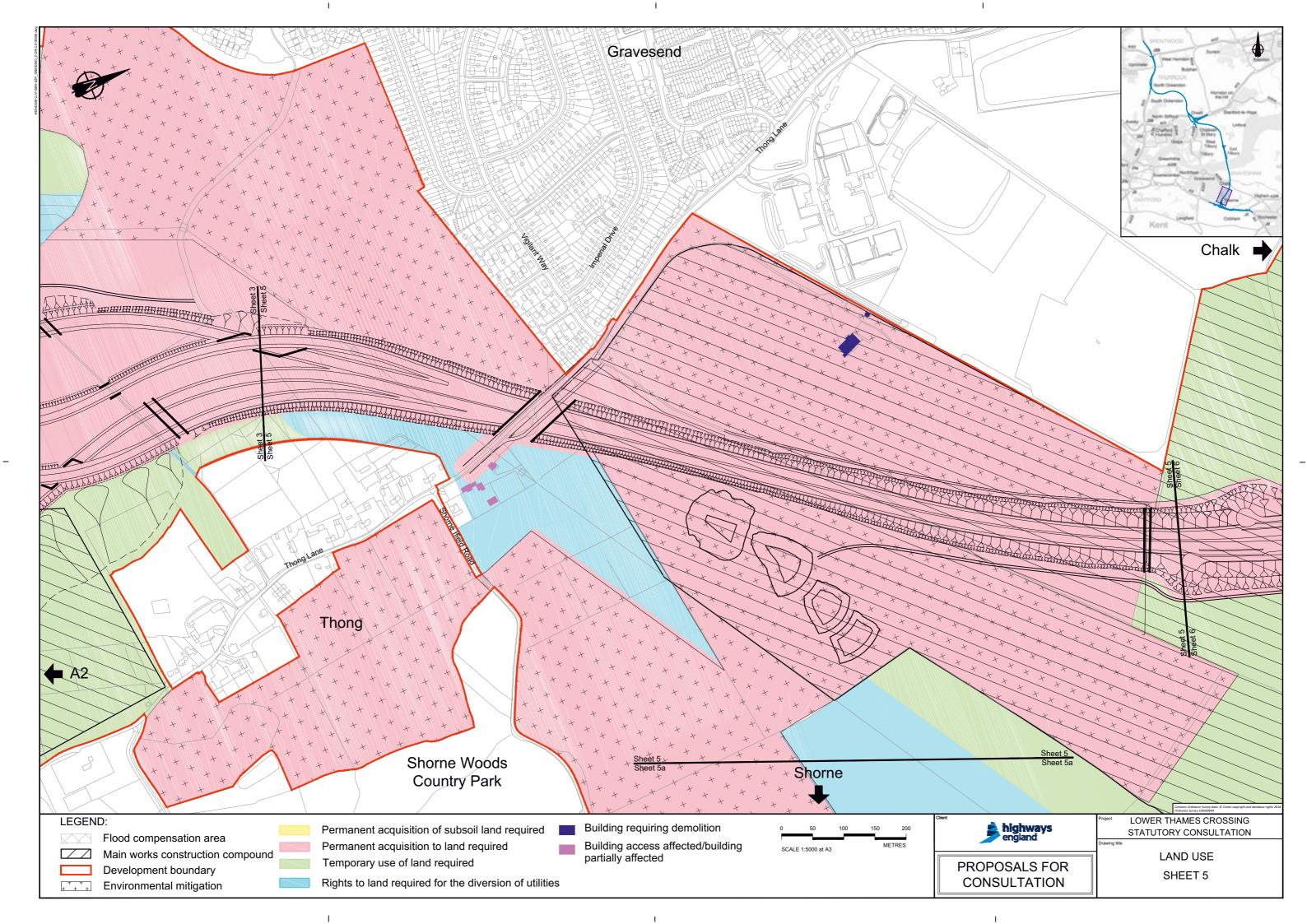


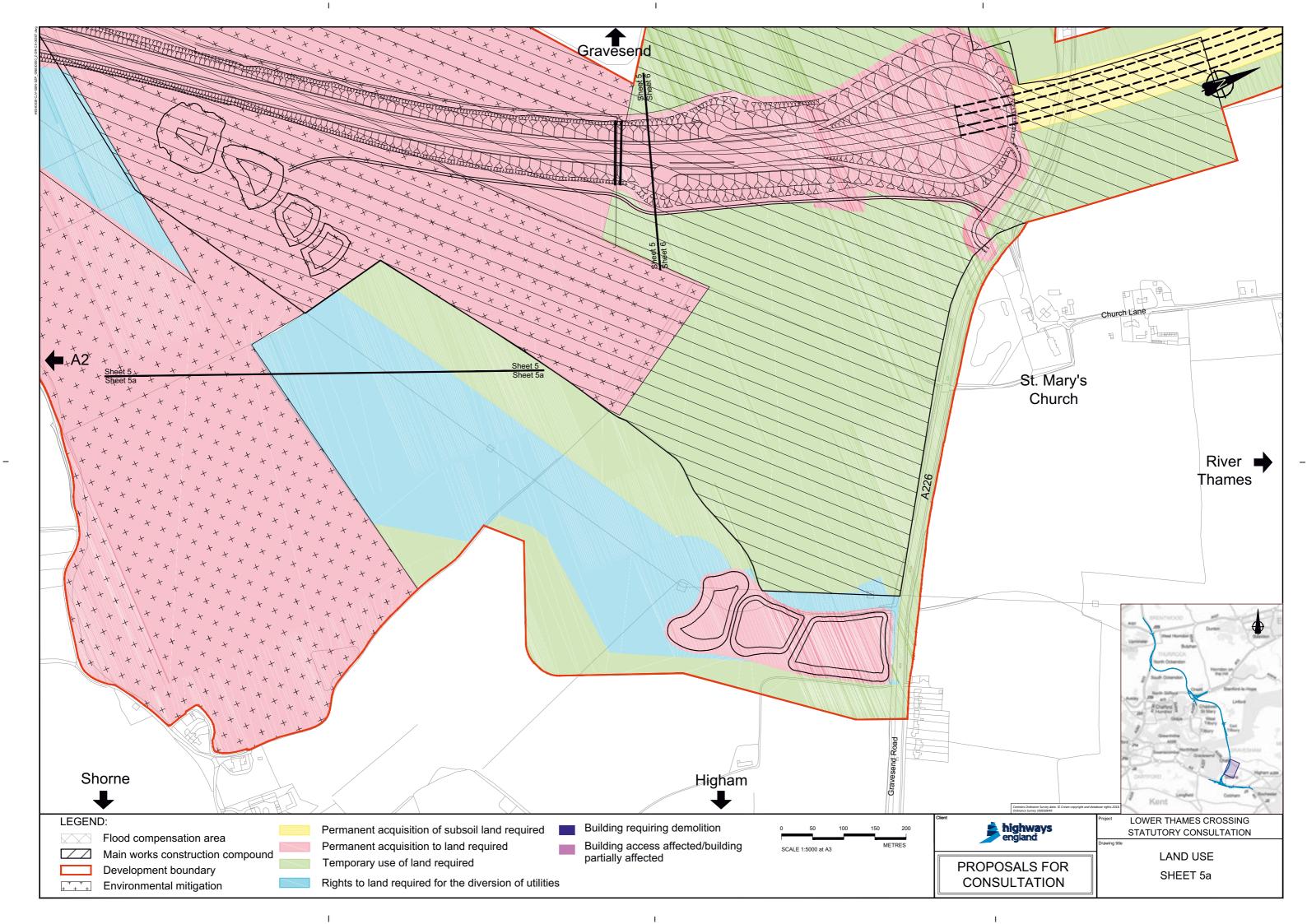


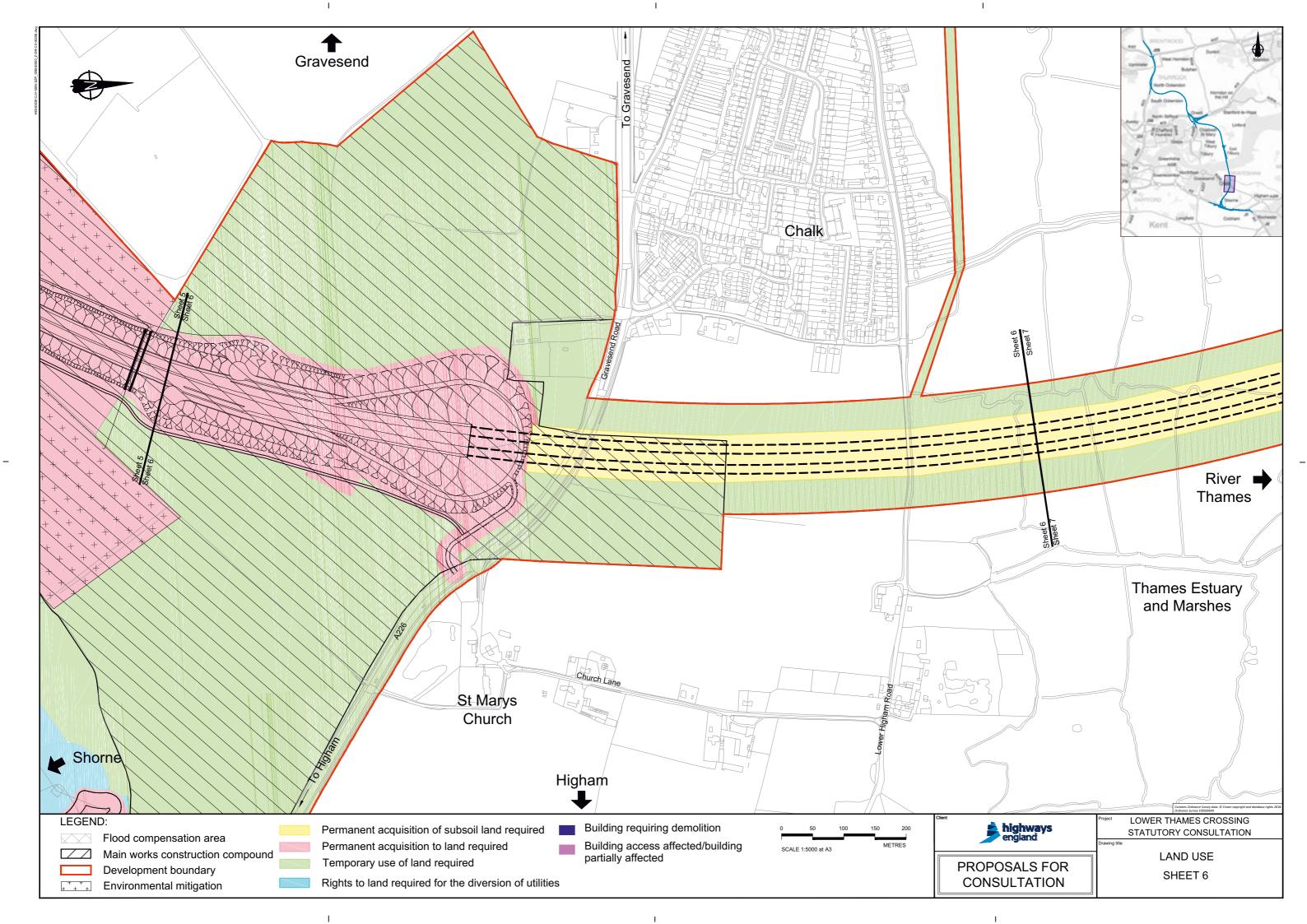


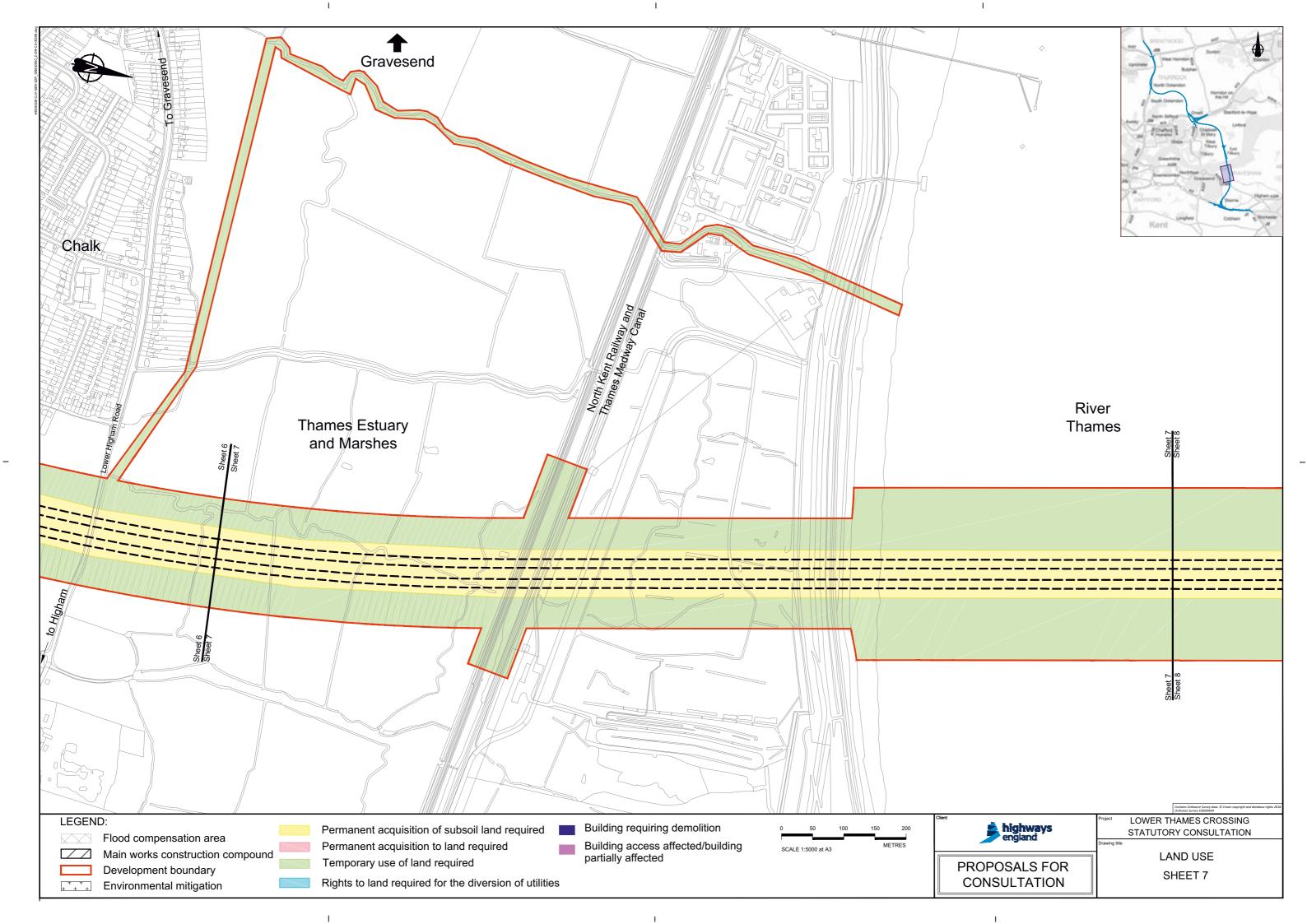


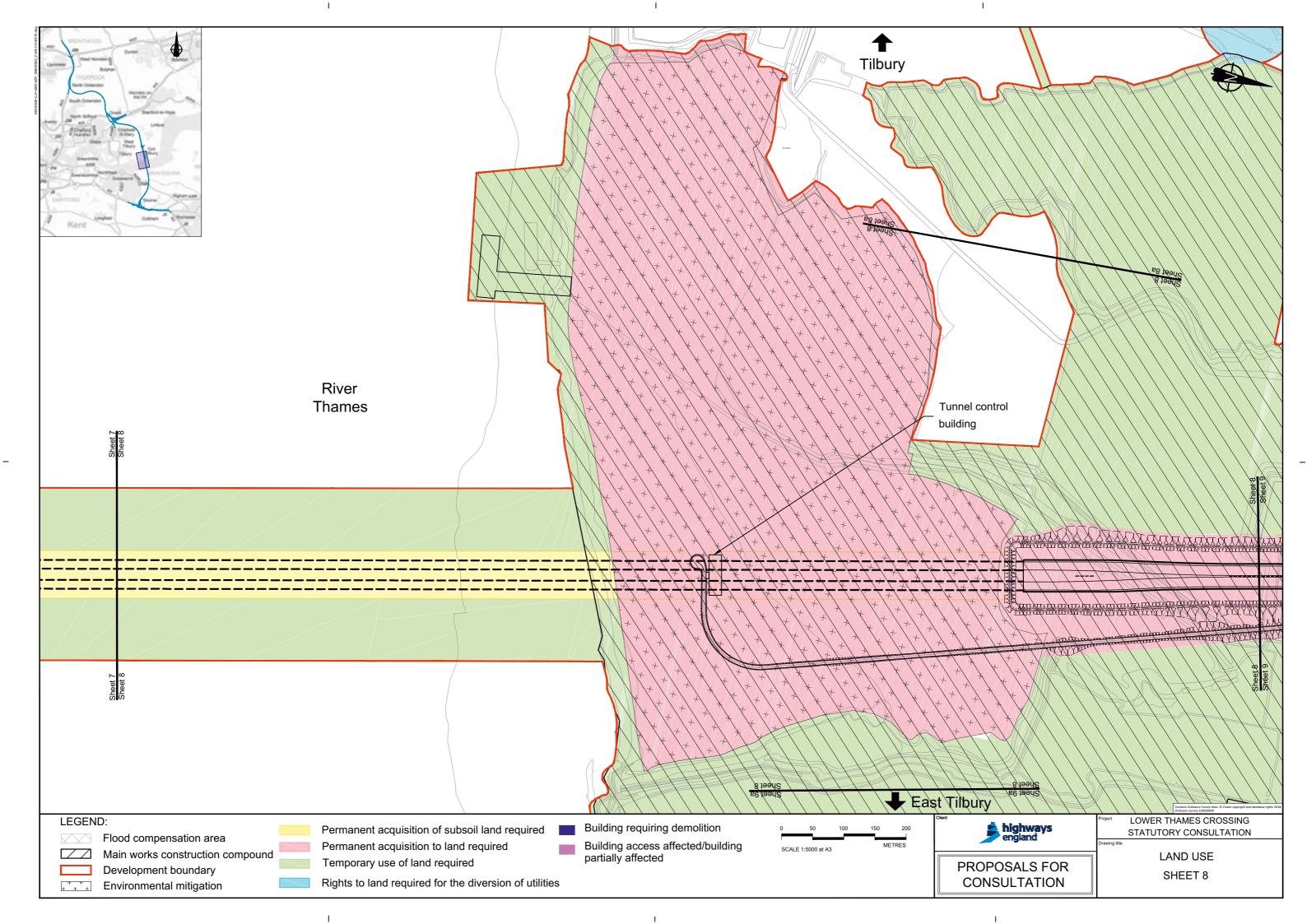


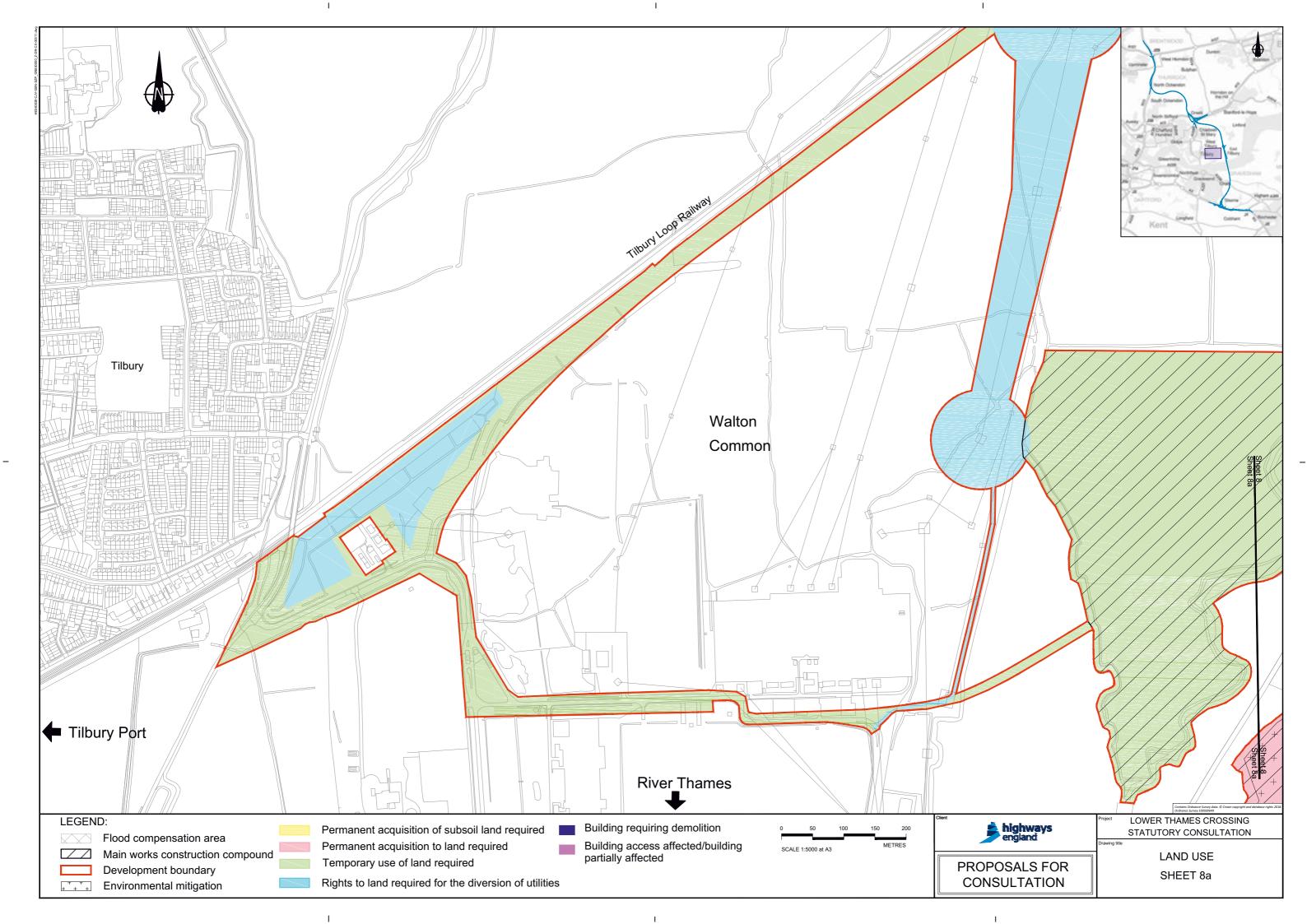


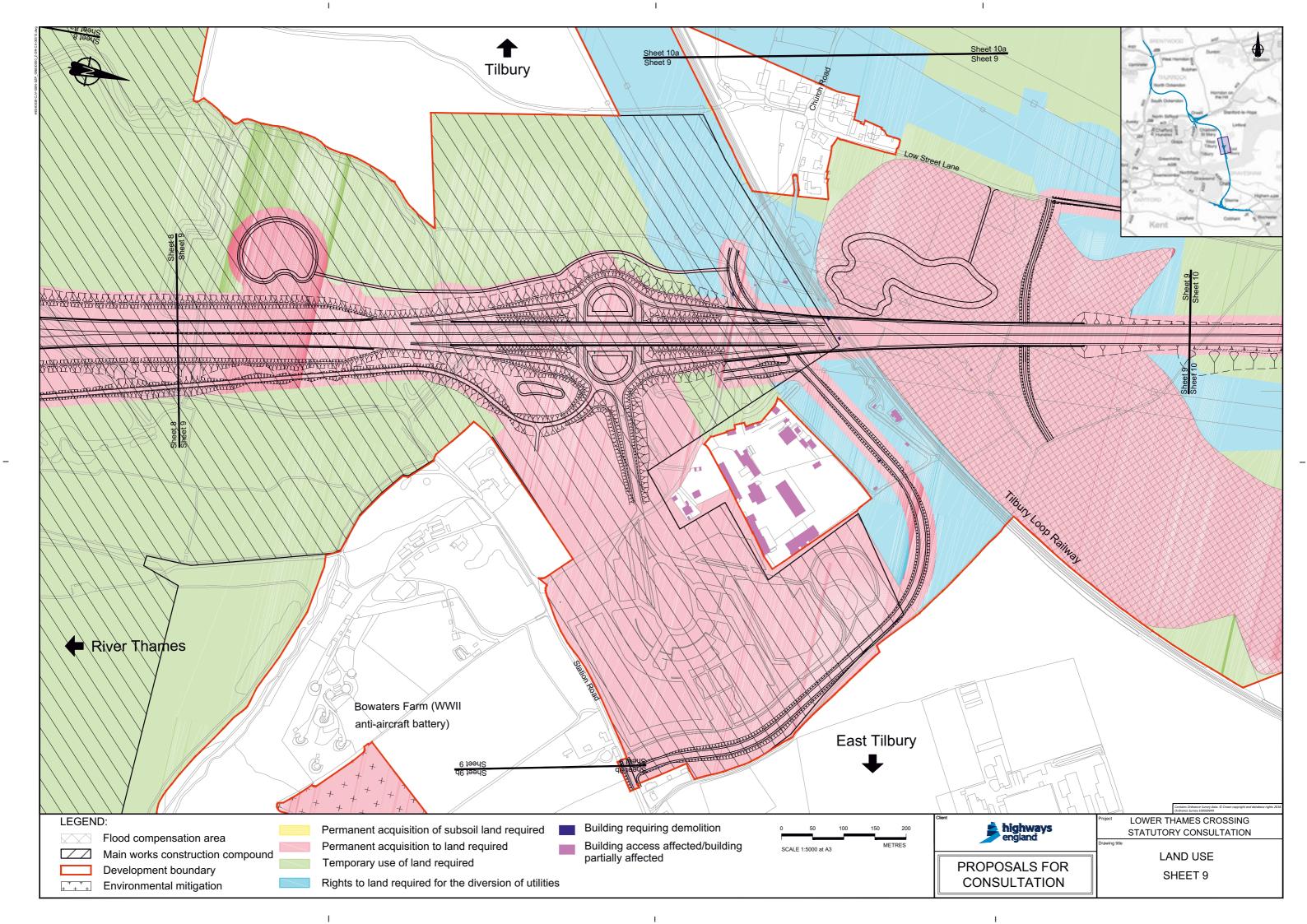


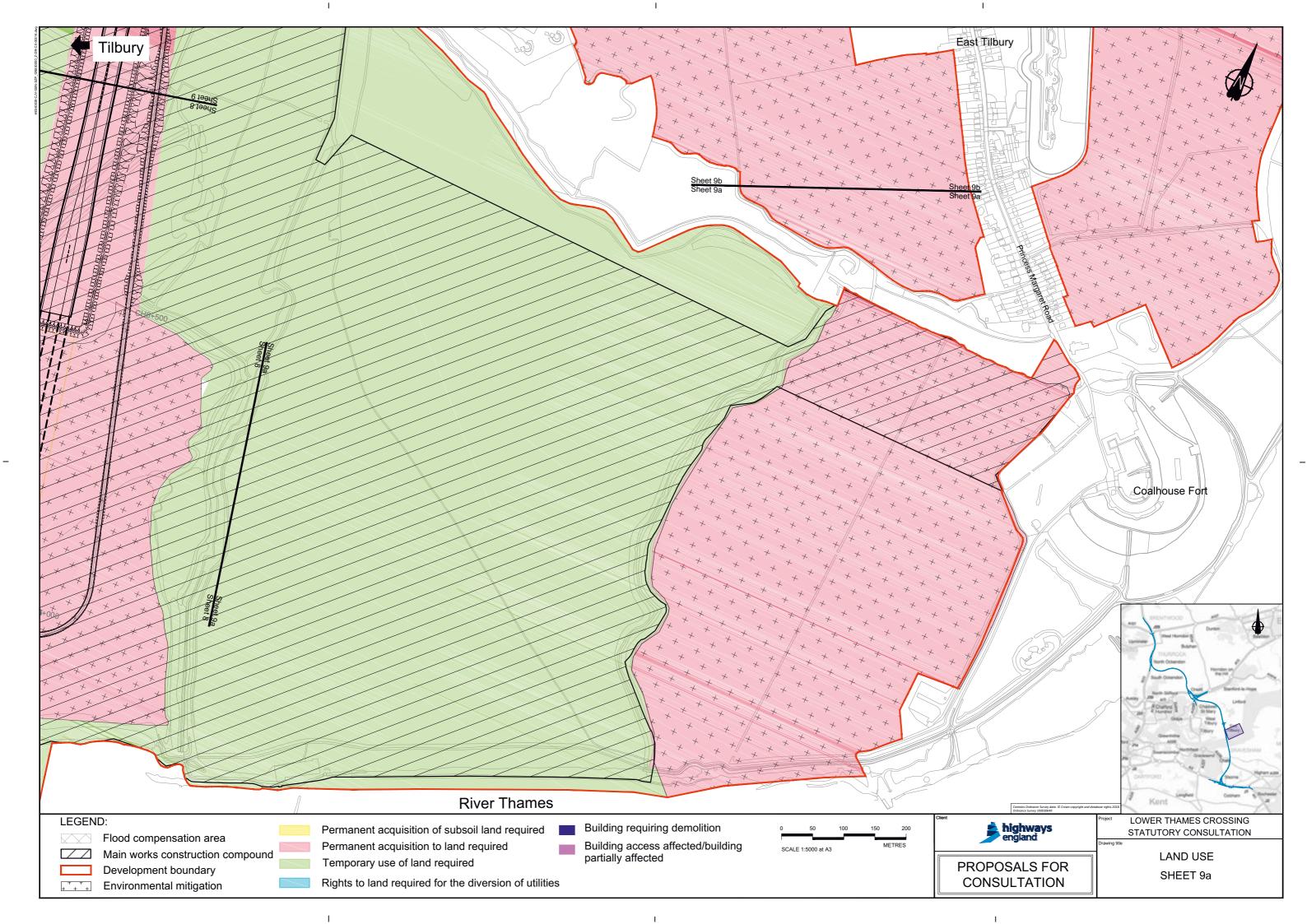


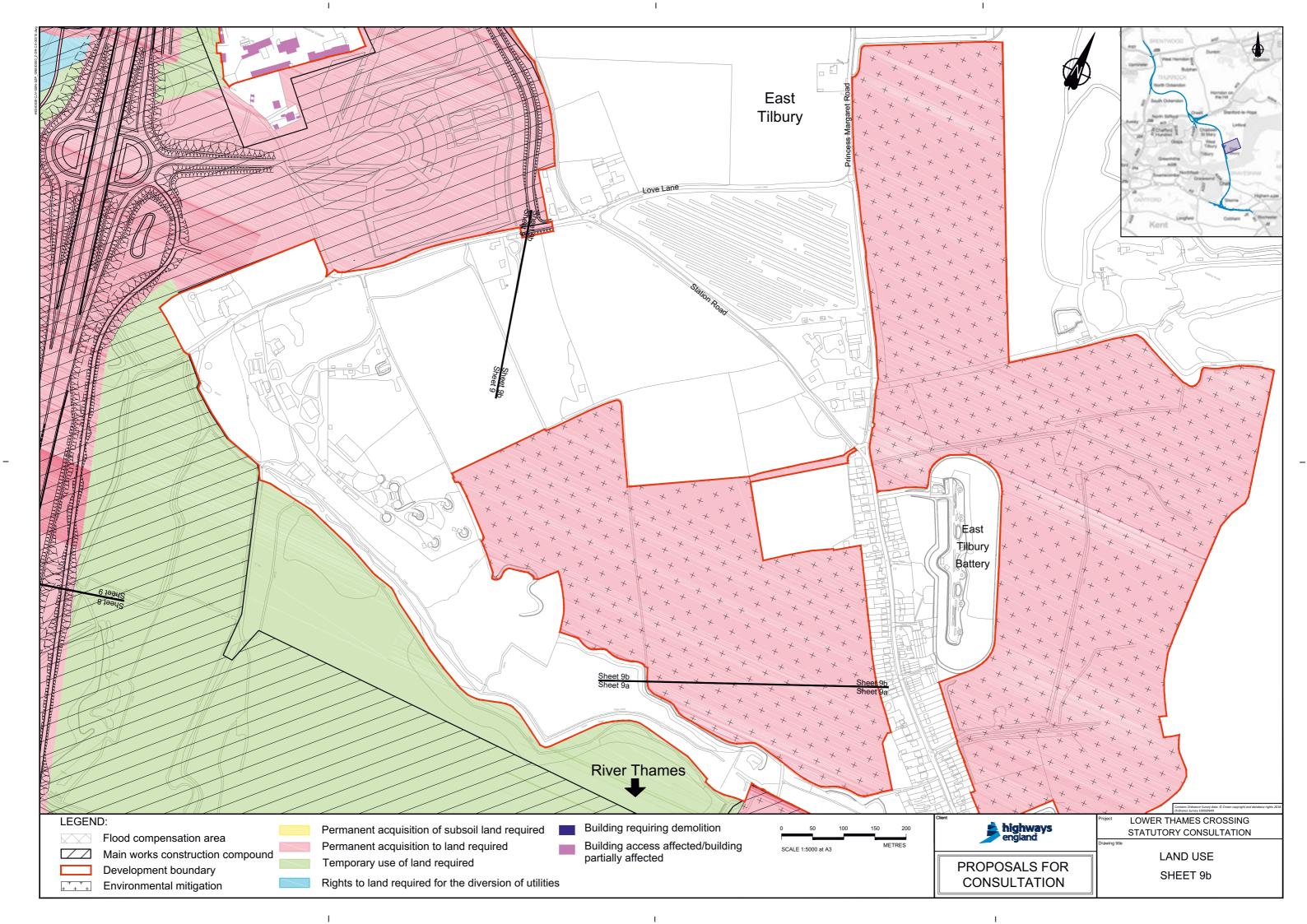


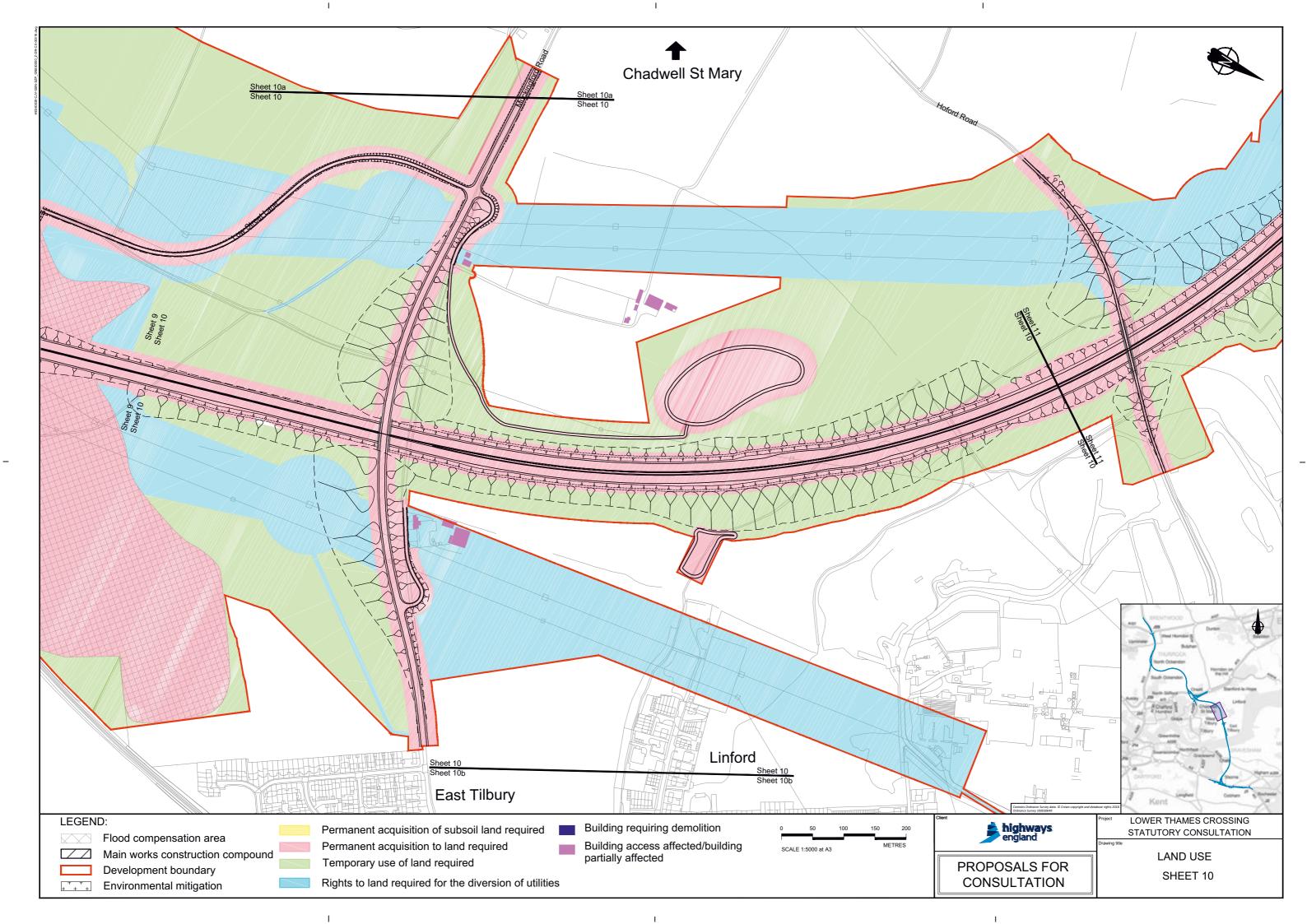


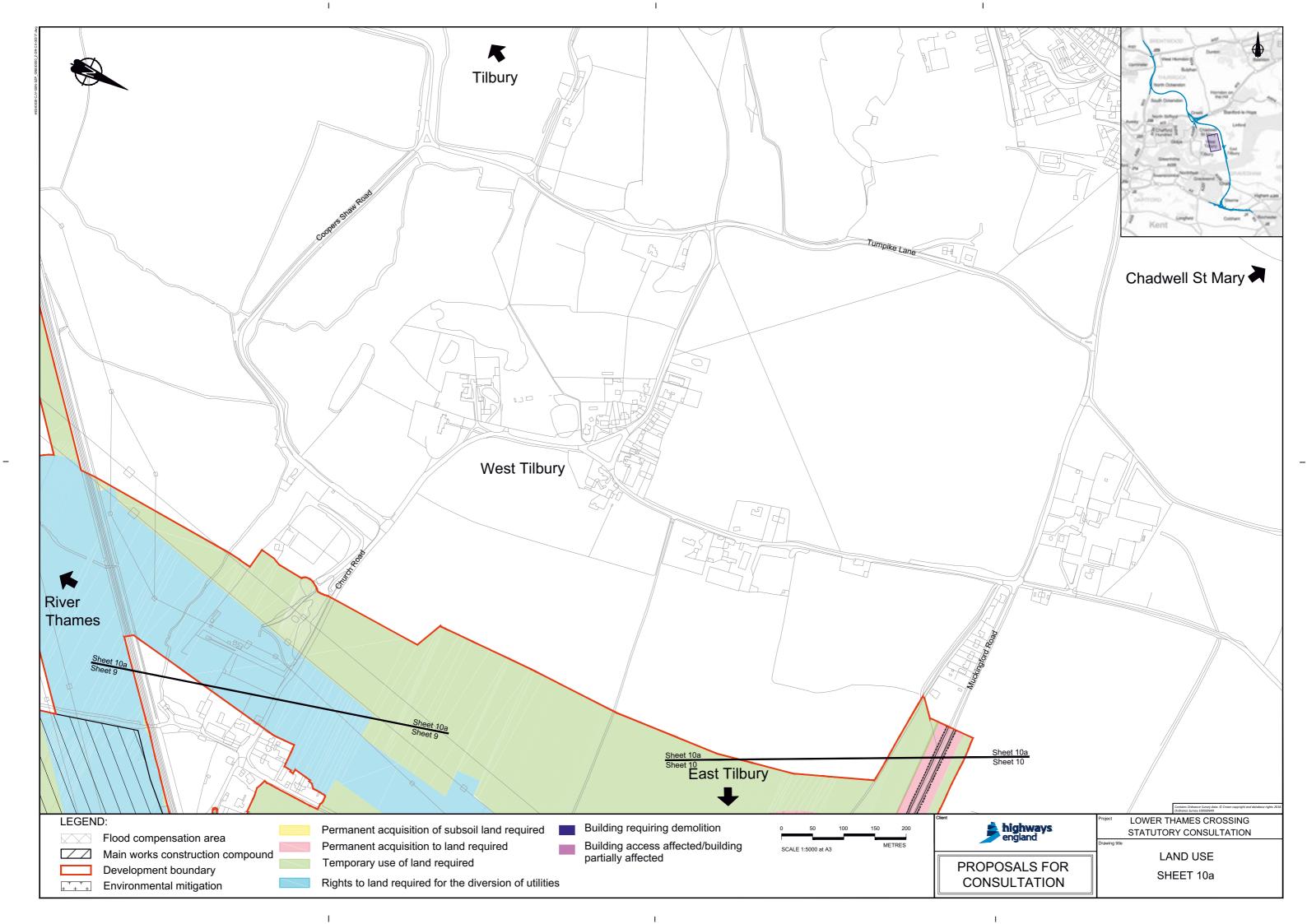


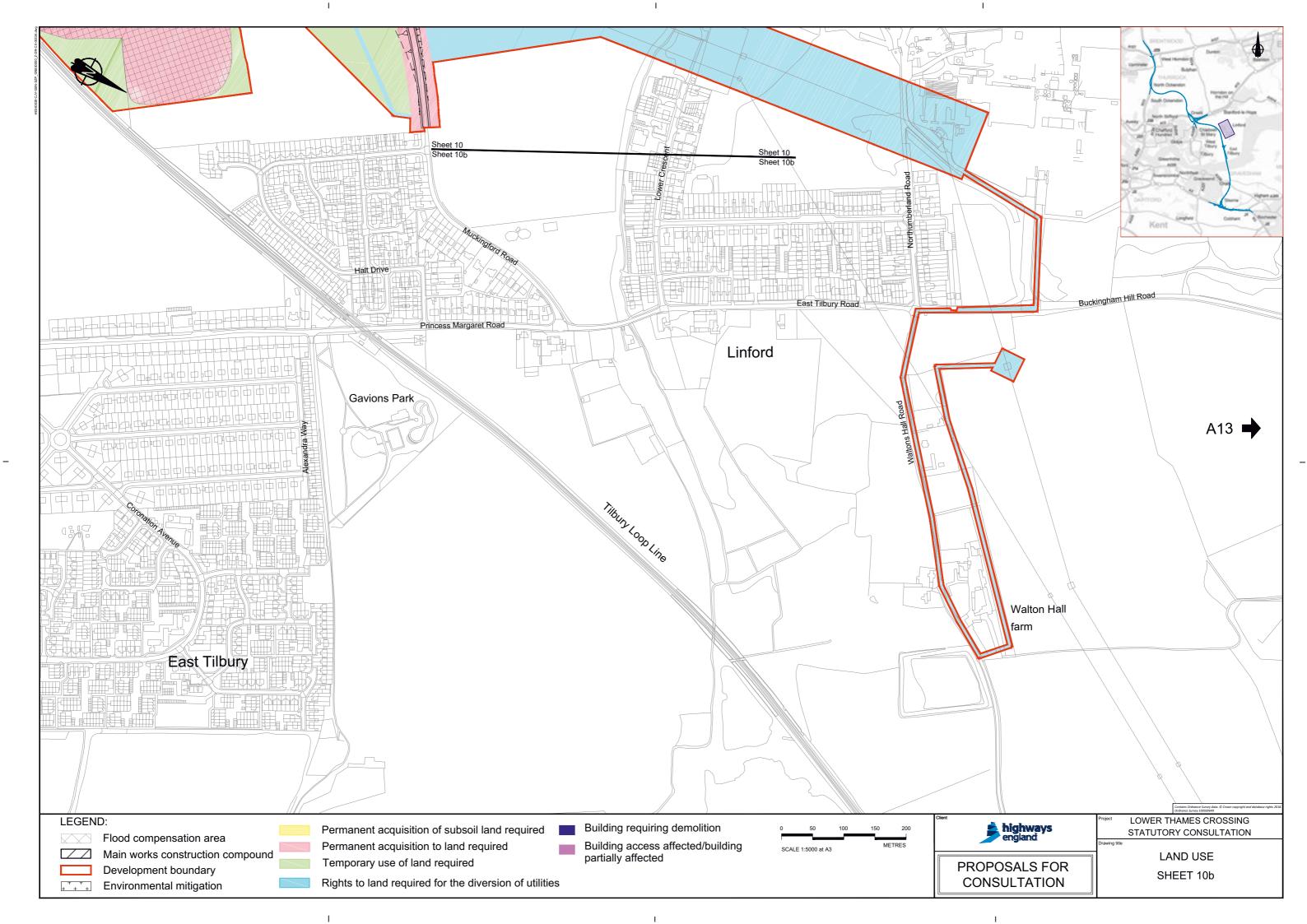


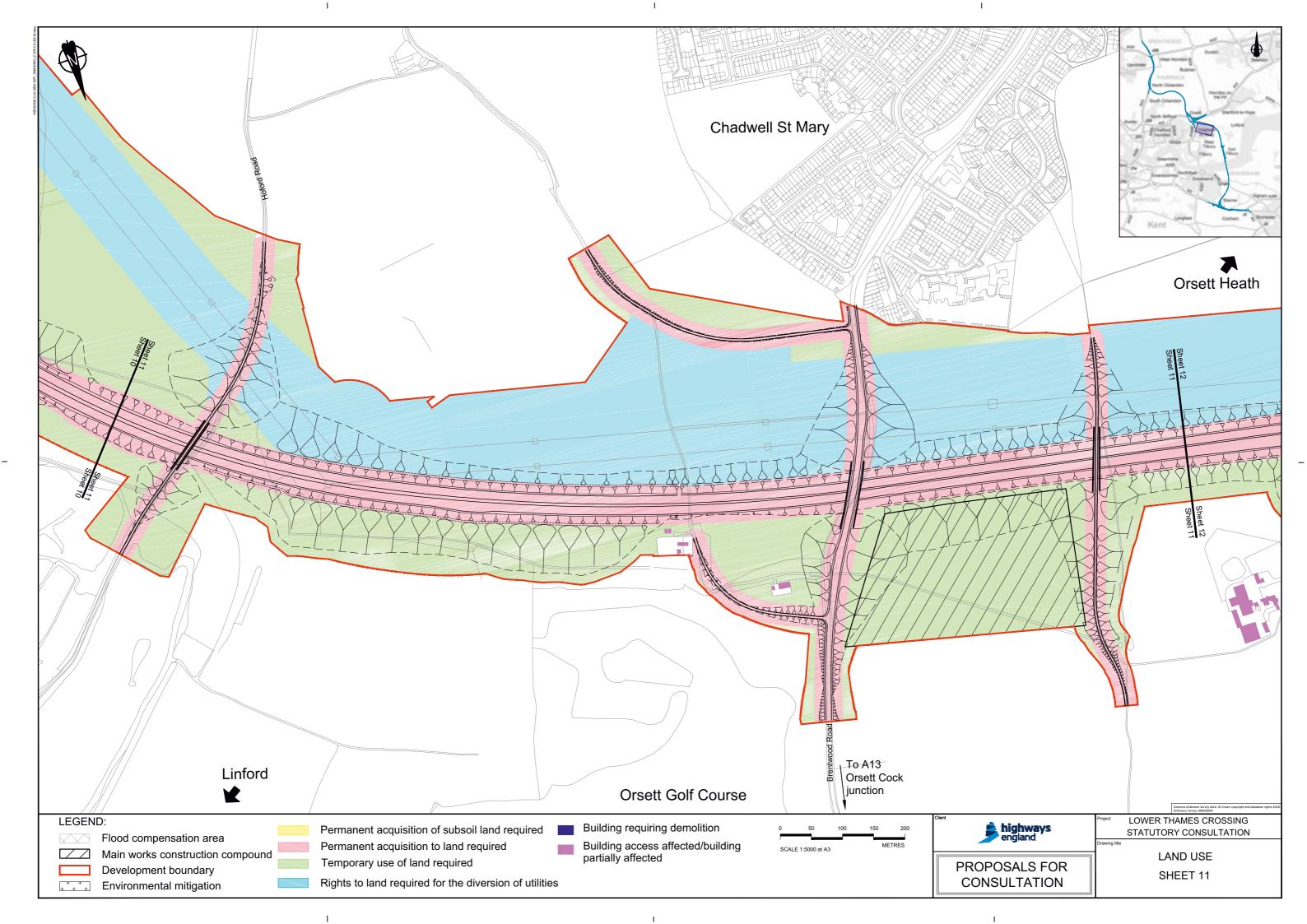


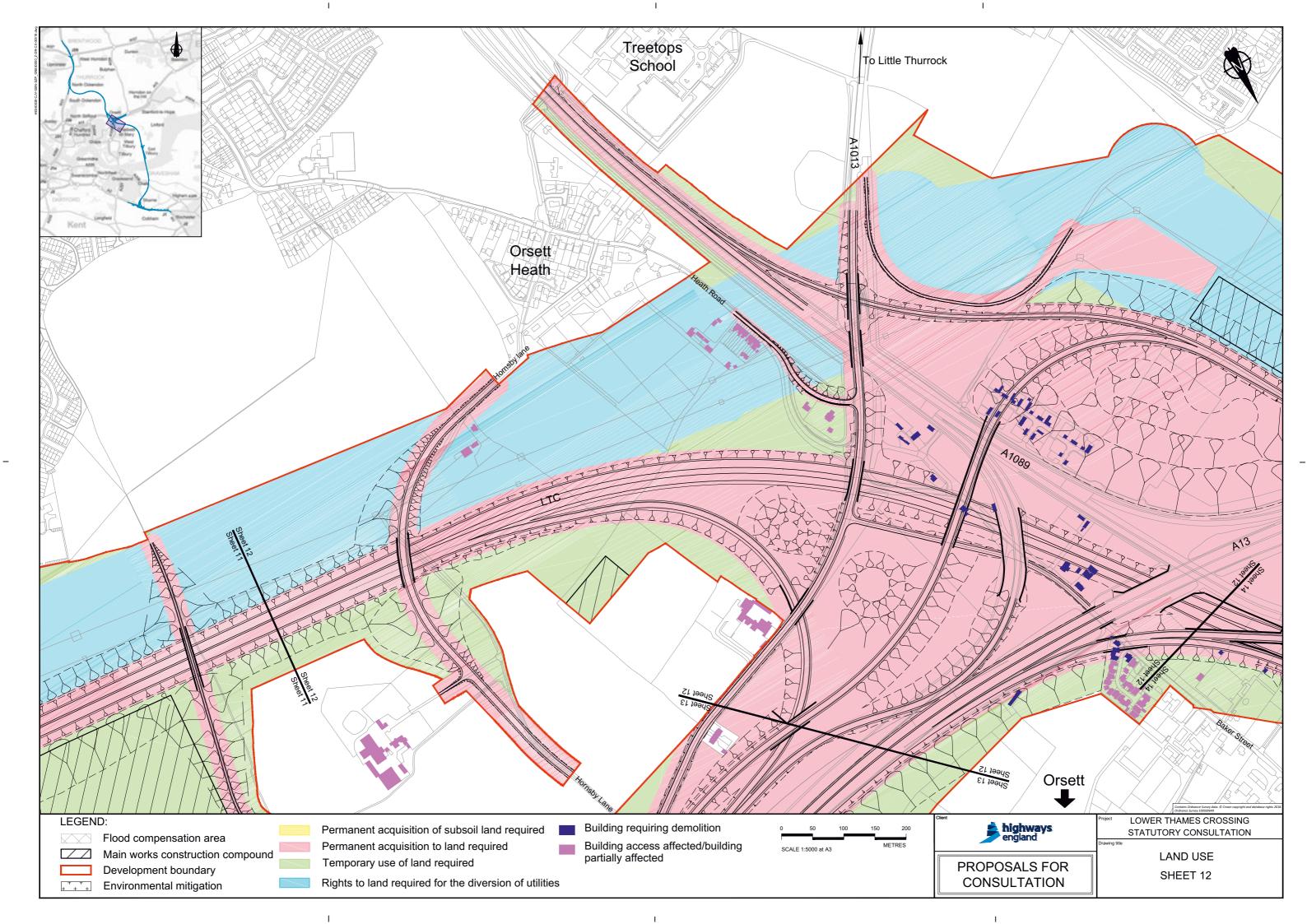


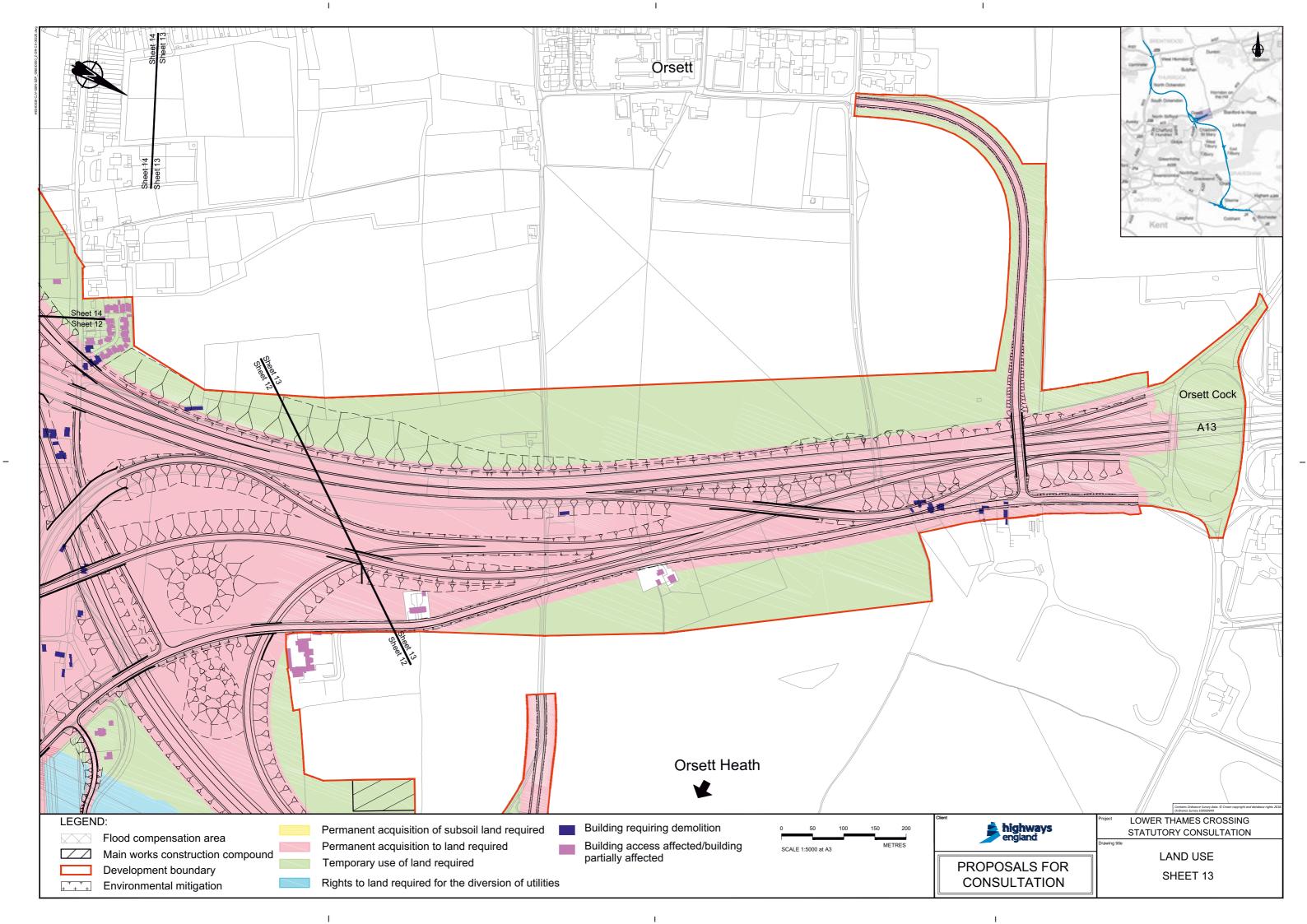


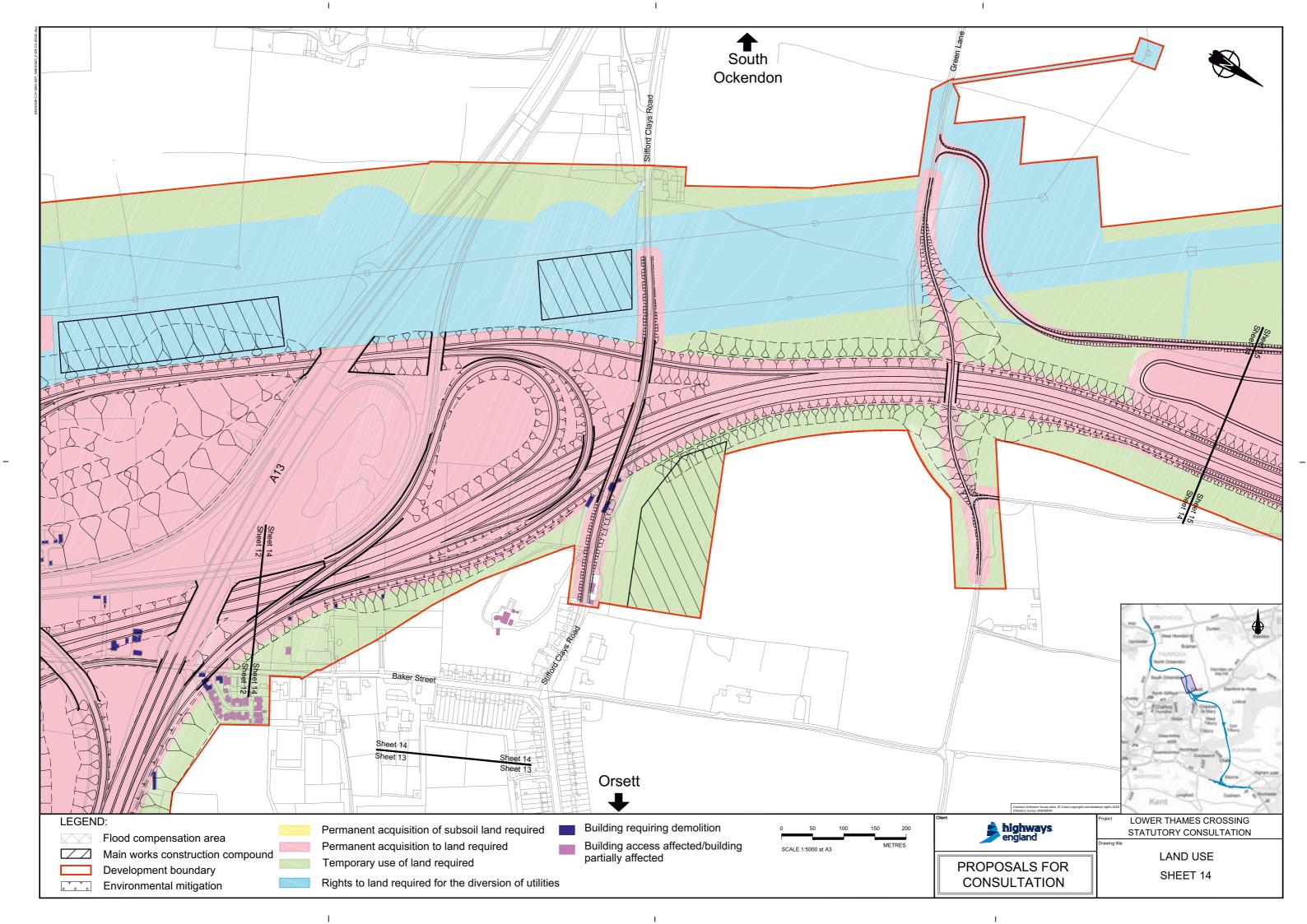


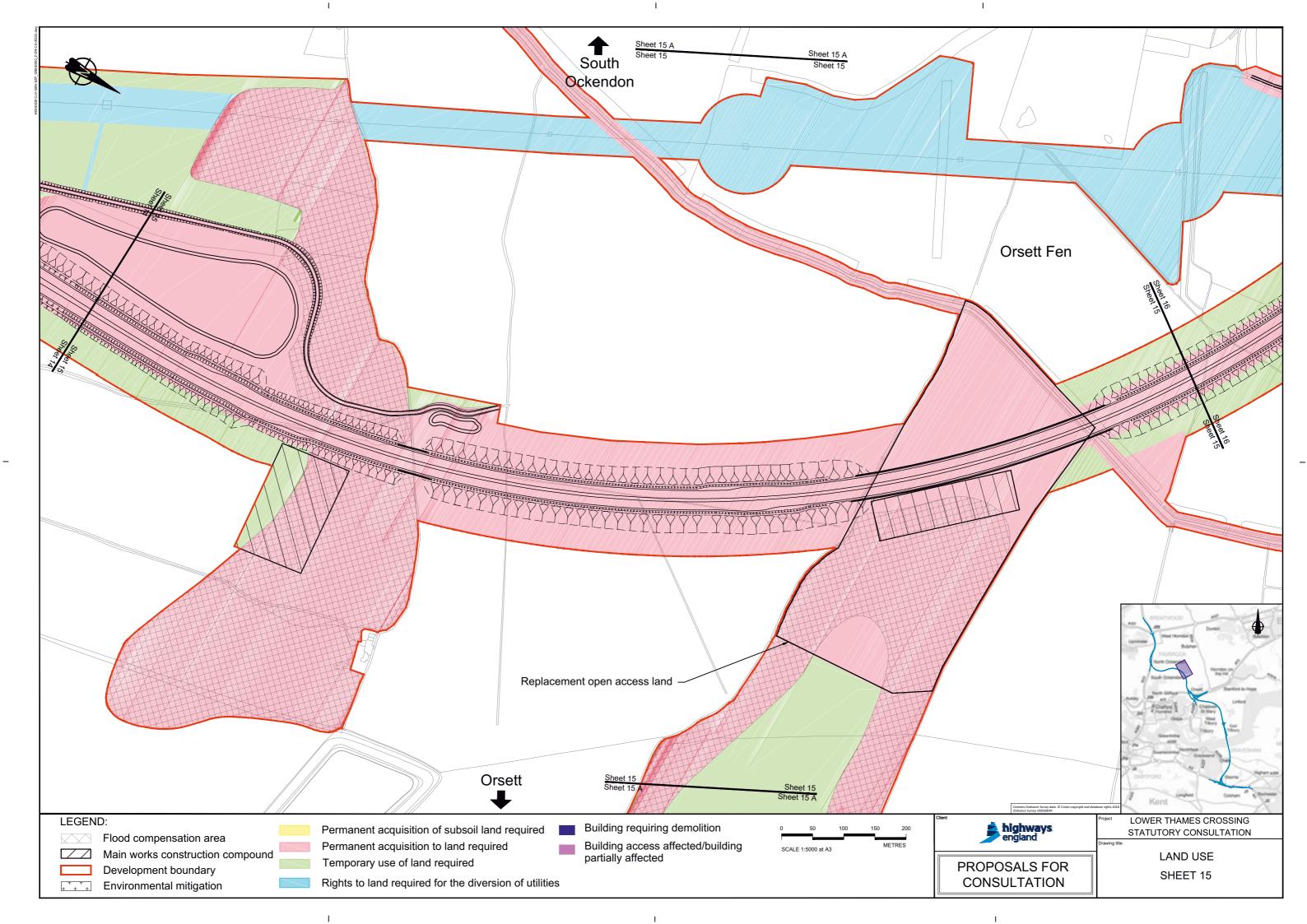


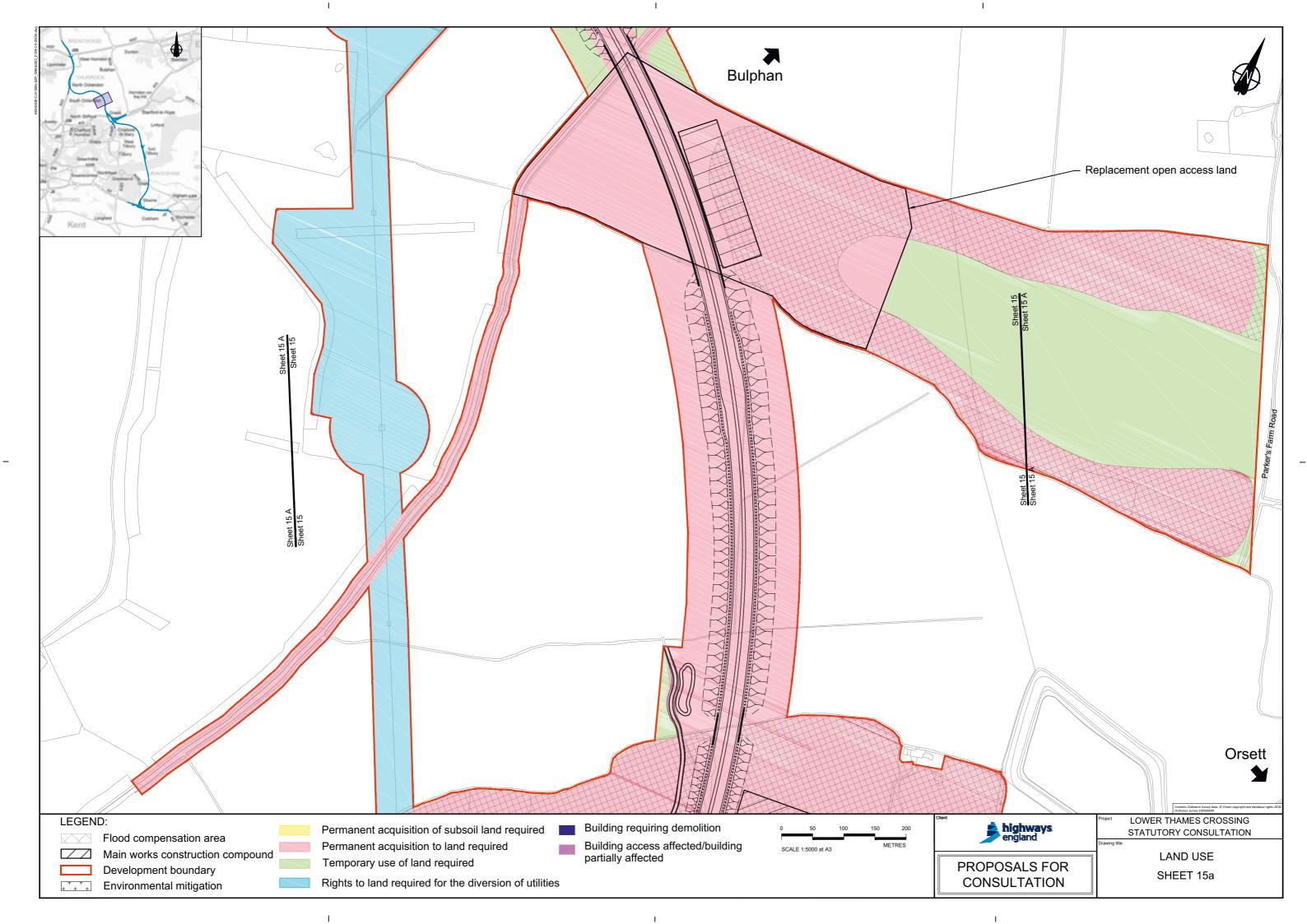


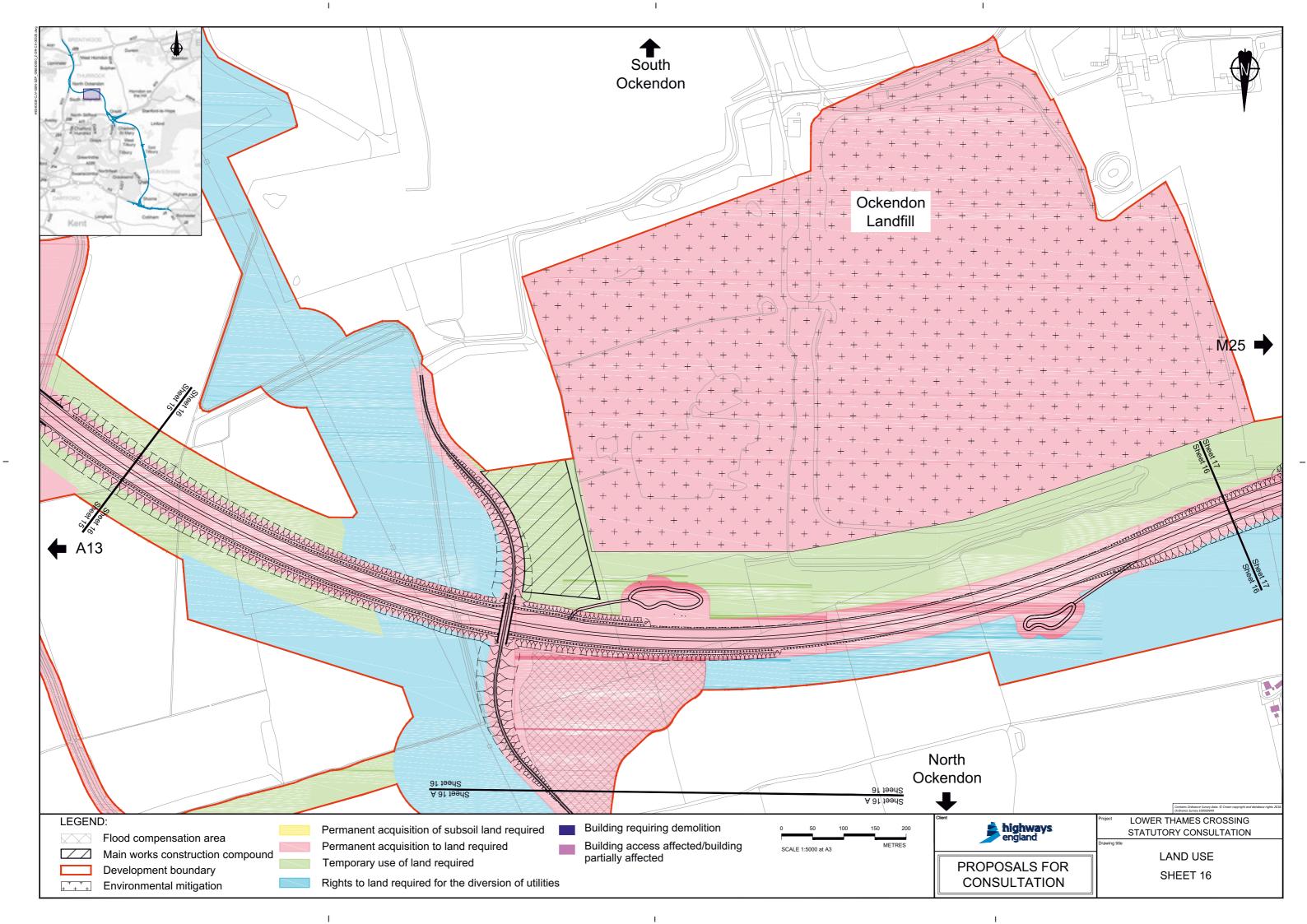


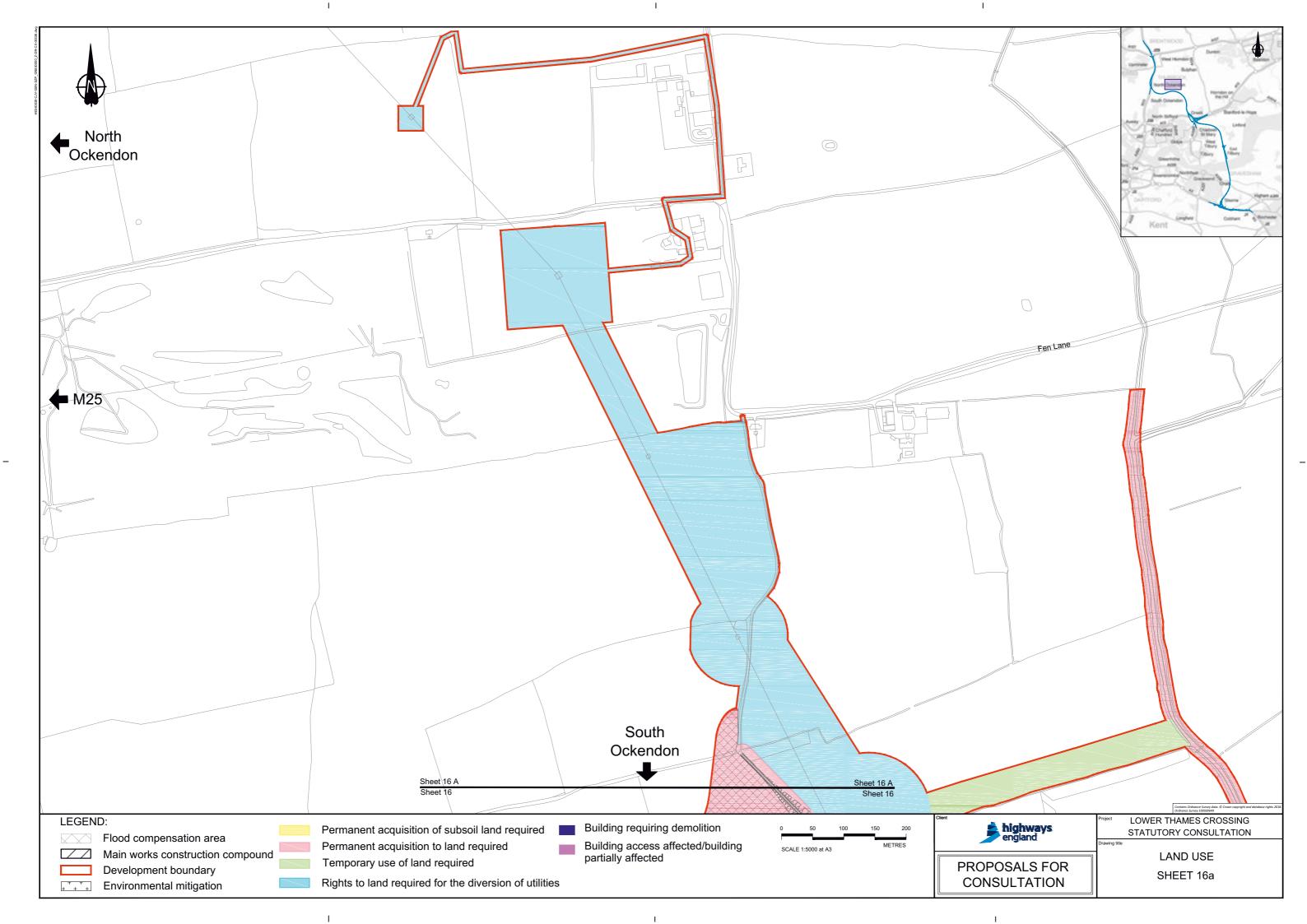


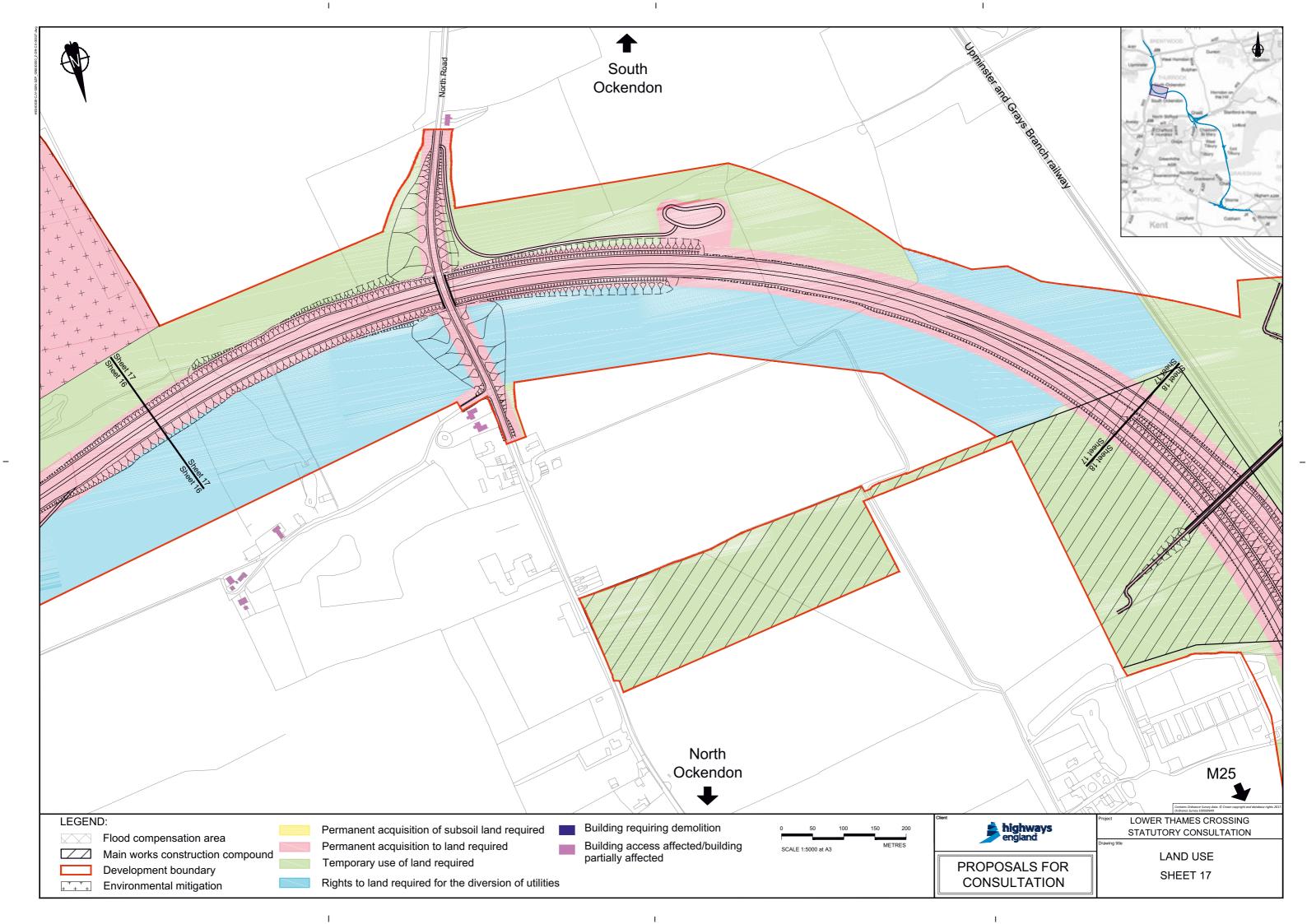


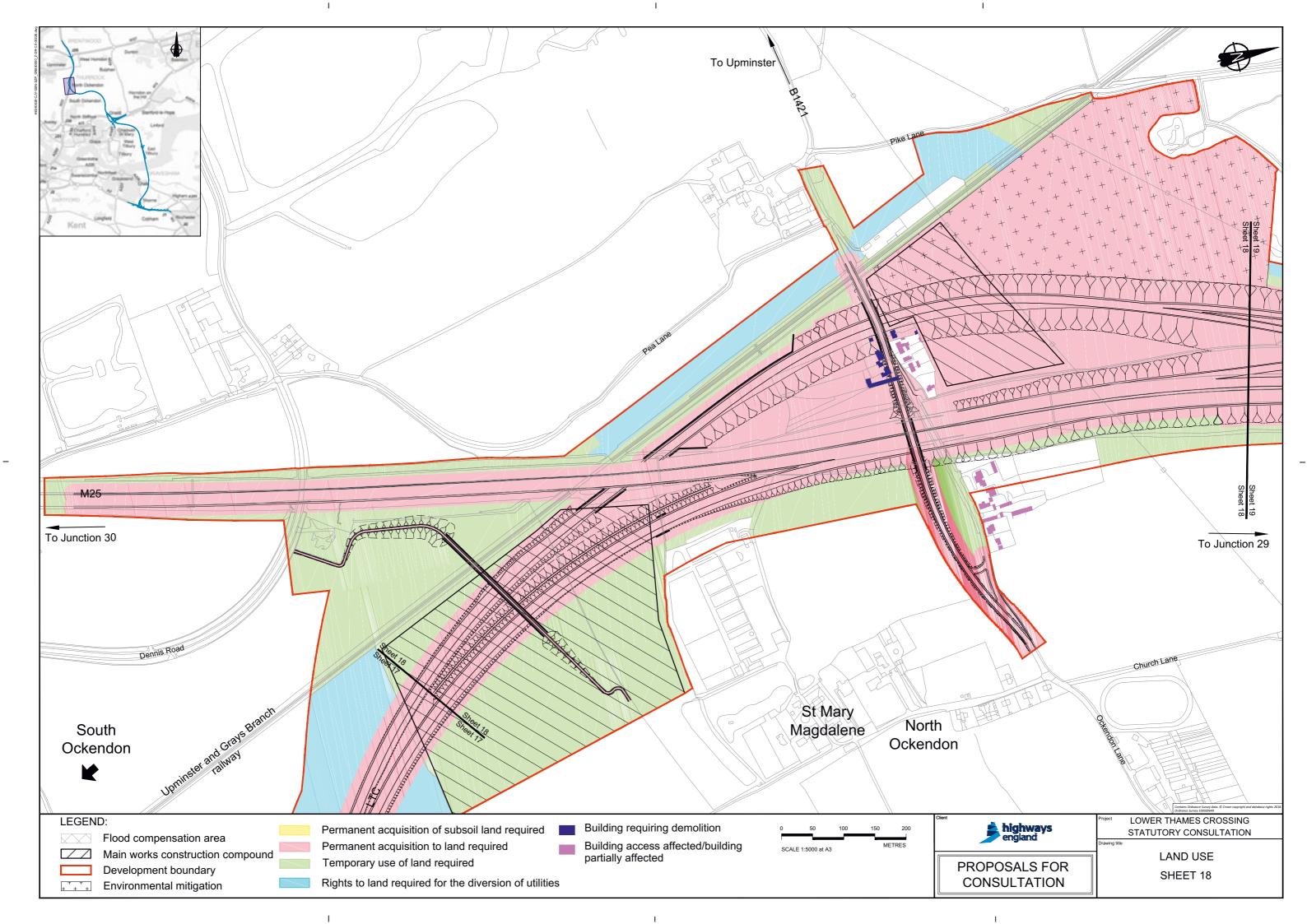


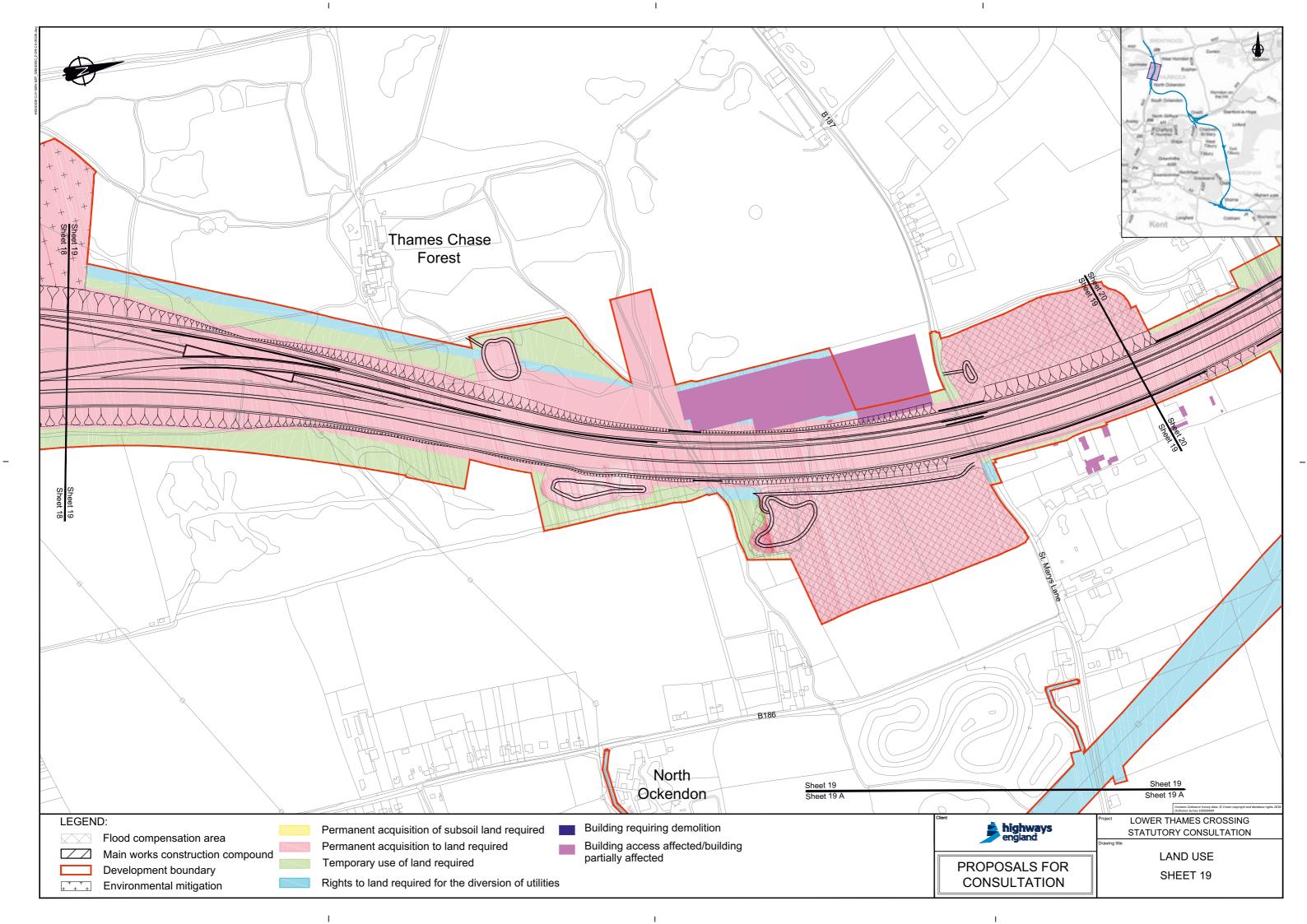


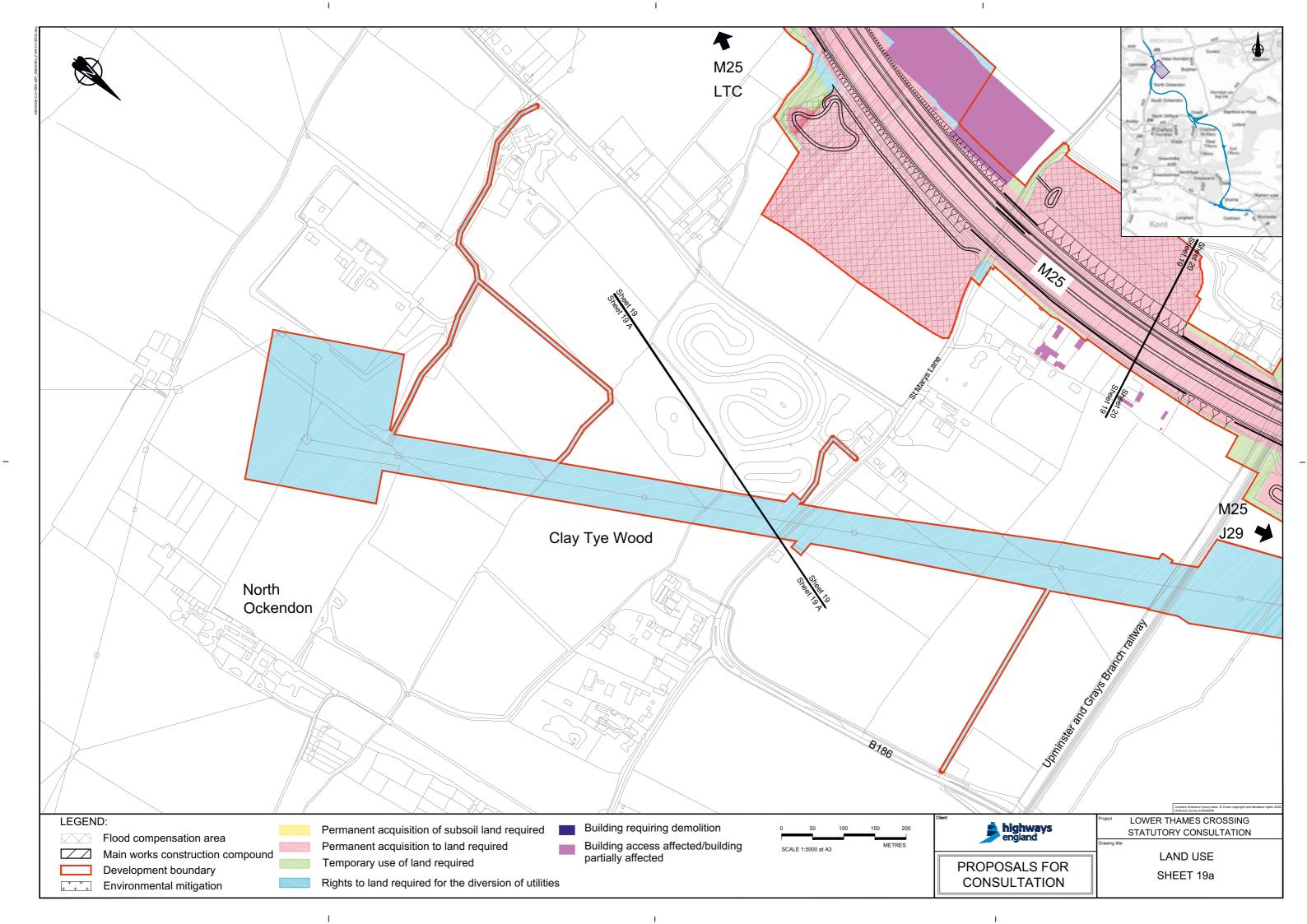


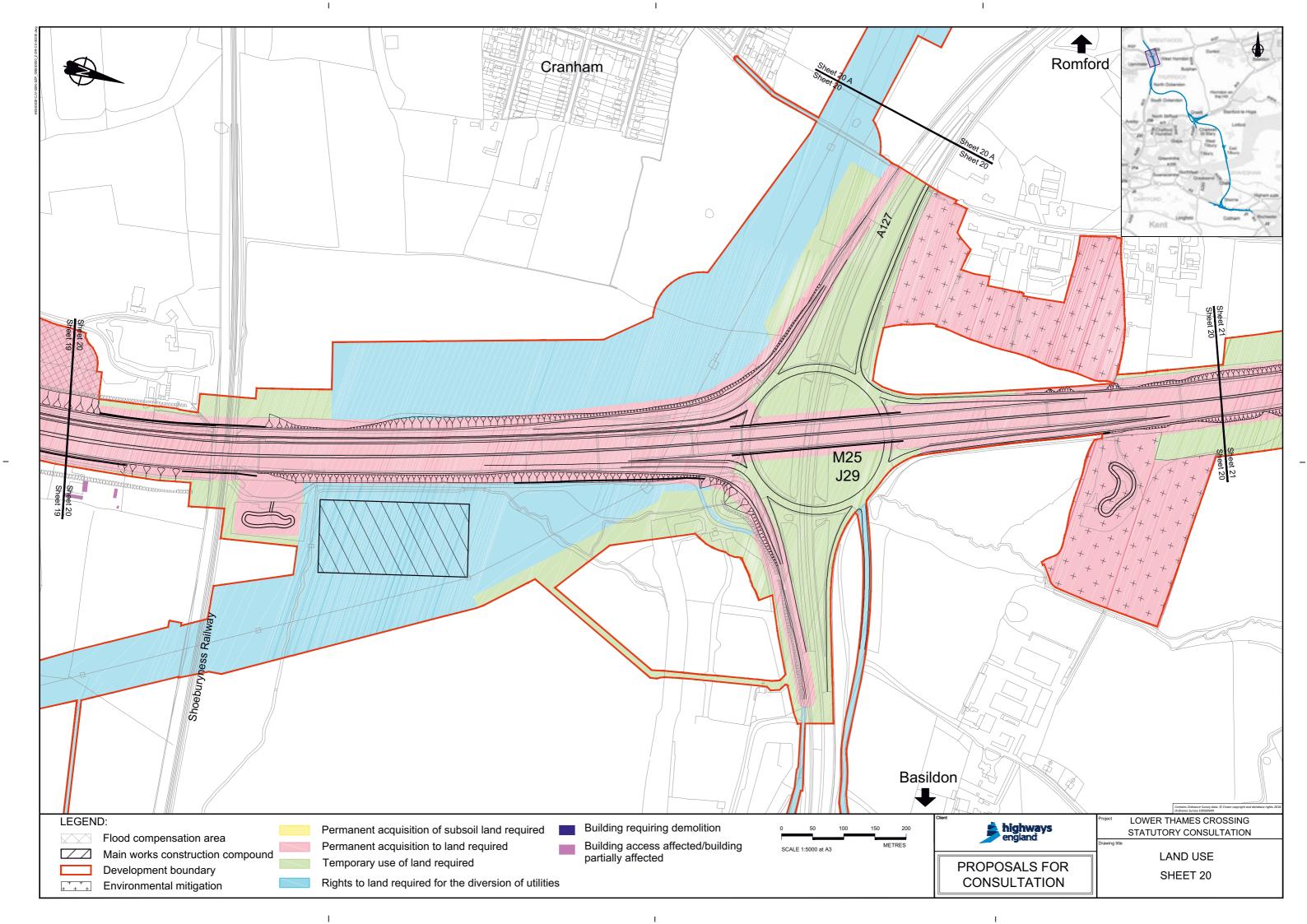


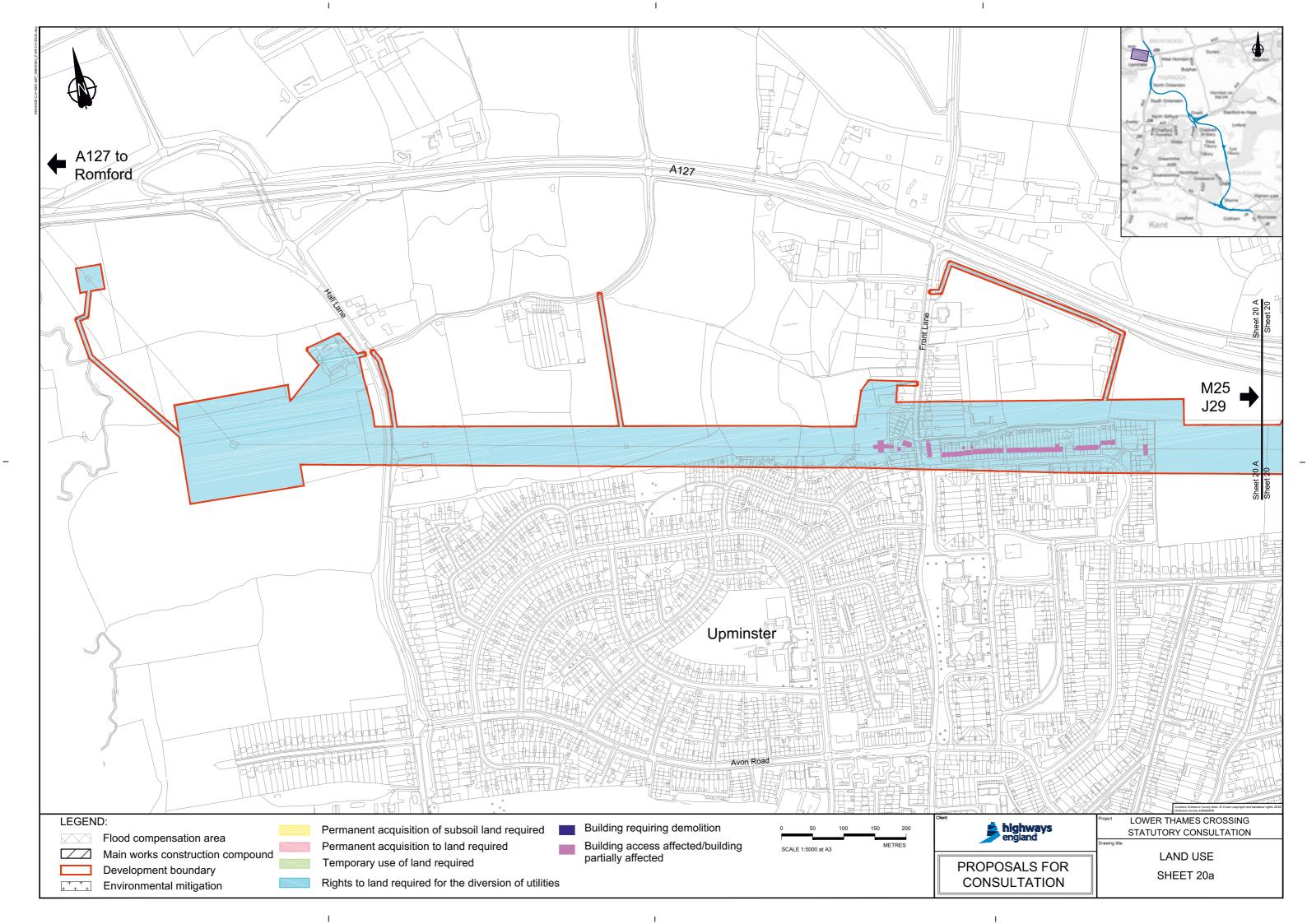


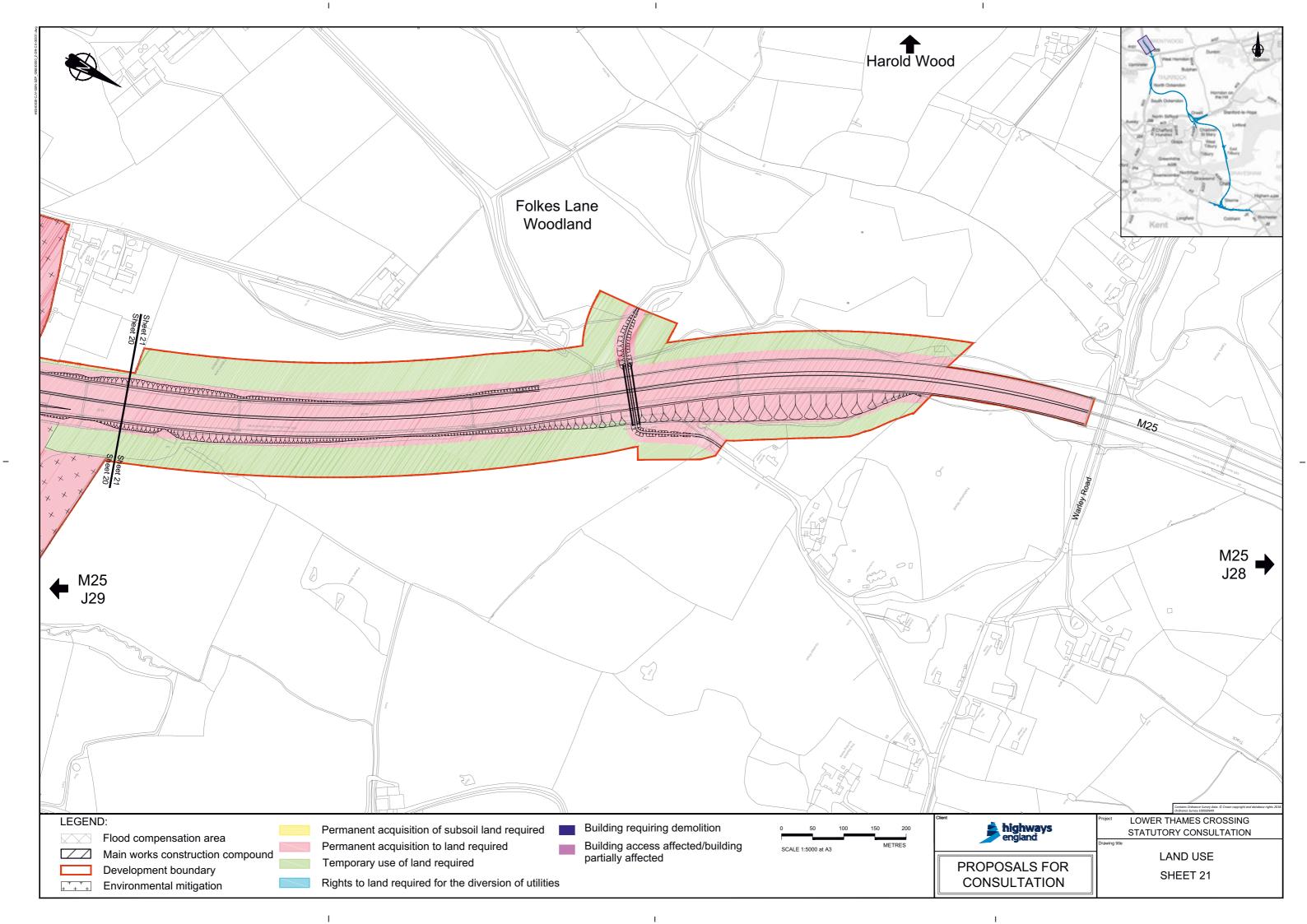












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LEGEND:  LTC Route  Client  highways england	Project LOWER THAMES CROSSING STATUTORY CONSULTATION
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These plans show current project proposals and are published for the purposes of consultation on the project. The proposals are therefore subject to change as a result of responses to the consultation, and as result of further design development.

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